# The 50 MH3 DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4558 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

# **An Outstanding Meteor Shower**

The general consensus is that the Leonids peaked earlier than predicted with the majority of the action (here on the west coast USA) on the mornings of the 16th and 17th of November. Due to lack of space (and the fact that we are primarily a 50 MHz bulletin, I have cut most of the 144 MHz listings, but have left in several 222 and 432 MHz QSOs.

N7STU/6 noted several peaks; "November 16 1430-1630z November 17 0720-1000z and 1300-1700z with things dropping off very rapidly after 17z. He wrote that there was never a definite peak like last year, conditions seemed pretty constant throughout the period. Very few pings and lots of 30s to 2+ minute bursts."

If you missed this one, don't despair. Since the orbital period of the responsible comet is 33 years, and the last storm was November 1966, next year should a good one as well!

**DX Operations** 

KH4, Midway Is.: Ted, NH6YK, writes: "I'll be on KH4 again Dec 20 - Jan 2, I'll be taking the 6M rig, and if I have space on the plane, I'll take the amp also."

Tajikistan: EY8MM Nodir has been able to get on the air using a TS570S. Tnx KL7SIX/VK3SIX.

Greenland: Bo, OZ1DJJ will be QRV from West Greenland GP39 at November 4 through December 11 with an ICOM 736, 100W and 3 el. as OX3LX.

Japan: Joe, KG6JDX is now QRV as 7J7ACX, and Joe, KG6DX, is now QRV as 7J1AEJ/7 both from Misawa US Air Base. Tnx JA1VOK.

Fiji: Lee, 3D2VA, will be QRV on 6m soon. Tnx KB6NAN.

Tonga: Paul, A35RK, has to go to another island to pick up a 6m ant and will be on 6 soon. Tax KB6NAN

Myanmar: XZ1N, will be QRV on 6 meters from November 21 through December 7, using an FT-847 (100 watts) and a 5 element Yagi at approximately 100 ft. They will run a CW beacon on 50.110 whenever possible with the antenna pointed in an appropriate direction. Please access their DXpedition website at http://ng7m.qrq.com/~xz1n for more information. Please contact either of their pilot stations (either N6FF or WA7MTF/8) with propagation information.

Galapagos Is.: HC5K was planning a short DX-pedition to HC8 starting November 24.

Hawaii: NOKE planned to be QRV on 6m from Maui, BL10, November 19 thru December 2 with an Icom 706 100w to a 5 el yagi, with possible portable operation from BL20.

Reunion Is.: Le Piton des Neiges, 3069m high on FR5 is scheduled to be QRV on HF, 50 & 144 MHz, on December 18-20. Late info on >http://www.oceanes.fr/~fr5fc/pdn/

#### **Beacon News**

VK6RSX: QRV November 13 on 50.304 from Exmouth Western Australia, 22° 2.5'S, 114°15.5'E. 50 W to omni horizontally-polarized antenna. (also on 144.576). VK6RBU: 50.306 MHz.

WG8T: in EM99 on 50.070, 1W to Dipole.

WA4HFN: EM55 50.063, 10W to 5 el beam S Day W Nite JW7SIX: reported out of order, due to lack of a power module. LA5TFA working hard to find a solution.

Martin, G3USF, posts: "The trickiest thing about maintaining a current beacon list is when to delete beacons as inactive. Nobody wants dead wood but it is no help to anyone to drop a beacon that is still functioning. I've been trawling through reports for this year and, as far as I can tell, the following have not been reported at all this year. They look ripe for deletion. So please take a moment to check whether you know for sure that any are currently on air or only temporarily QRT\*, and let me know direct (M.Harrison@pol.keele.ac.uk)

Note frequencies are rounded and there may be slight

discrepancies: 50.xxx 066 W7GX 002 PEICAJ 074 N7STU 074 NN7K 015 CX4AAJ 066 KA5FYI 019 CX1CCC @ 066 W7FSI 075 K7IHZ \* 021 FR5SIX 067 WZ8D 075 NL7XM/2 077 W8UR 067 KA4YMY 022 YU6SIX 078 KE4SIX 037 JR6YAG @ 067 KG9AE 067 N8PUM \* 081 WA7UQV 040 LU7DYI 069 W2RTB 082 LU8DCH 050 VA3BCN 070 K3DEL 082 CO2FRC 057 VK7RAE 083 LZ1SIK 057 TF3SIX 070 KOHTF 070 W5SXD 083 PEloUC 059 JHOZPI 088 VE2TWO 060 W5VAS \* 071 K5BTP 095 PT5XX 071 LU1DMA @ 065 LW5EGP 073 WB4WTC @ = REALLY ON 065 AB5L Full list is at http://www.keele.ac.uk/depts/por/50.htm

### **QSL** Information

TU2OJ: via F5IPW

9M6NA: via JE1JKL

BG7NI: Mr. W. S. Chen, PO Box 1711, Guangzhou 510600,

CHINA

WH7C/DU1: via JG1OUT

YJ8UU: via ZL2HE 9M6JU: via JA1RJ

KB1AGK/KH2: via JA6PJS

NII2L: via JA1BRM

VK9LX: via VK2ICV

XZ1N: via W1XT

CN2UN: via ZP6CW

PA3HEN/mm: direct or bureau to PA3BLS, Erwin Kleis-C de Jongestraat 102-1444EN Purmerend, NETHERLANDS #

# FIELDHUNTER'S LIST

This is a list of radio amateurs' efforts to chase and collect fields (big squares) according to the Maidenhead Locator System. SM5INC has been the keeper of lists of standings of grid fields worked by radio amateurs on VHF. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny has posted on the Internet lists quarterly for each VHF/UHF/SHF amateur band. As noted at the end of this report, this is Johnny's final listing, a group called TOEC (Top Of Europe Contesters) will be continuing it.

The latest 50 MHz standings are listed below. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid field is a block of 10° latitude by 20° longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System.

Please send your info as soon as possible to TOEC Field List, Box 2063, S-831 02 Ostersund, SWEDEN. Fax +46-63572122. Packet SM3OJR @ SK3JR.Z.SWE.EU. E-mail: fieldlist@pobox.com Web page http://www.pobox.com/~field

#### RULES:

- 1. All fields must have been worked via passive reflectors.
- 2. All stations involved must be on the earth's surface.
- 3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
- 4. All QSOs must have been worked from points within a circle of 1000 km radius.
- 5. There is no starting date for contacts to be eligible.

#### Fieldhunter's List

50 MHz Standings as of October 19, 1998 by Johnny Ryden, SM5INC

by Johnny Ryden, SW311C											
Rani	k Call	Field	Fields	YYMM			Call		Fields	YYMM	
1	JAIVOK	QM	112	9601	3	37	G0JHC	IO	59	9808	
2	JA6RJK	PM	93	9605			JM1SZY	PM	59	9609	
3	JA6TEW	PM	91	9712			K1GPJ	FN	59	9503	
4	WA6BYA	CM	86	9511			WB8YFE	EN	59	9706	
5	PY5CC	GG	82	9503	4	11	AA7A	DM	58	9806	
6	W5FF	DM	81	9708			PASEUI	JO	58	9706	
7	GJ4ICD	IN	78	9808	4	13	G30IL	IO	57	9804	
8	PAOHIP	JO	75	9707			OZ3ZW	JO	57	9806	
9	SV1DH	KM	74	9808			W7HAH	DN	57	9610	
	W50ZI	EM	74	9808			WB4DBB	FM	57	9507	
11	SM7FJE	JO	73	9806	4	17	FIGTU	JN	56	9705	
12	K5AM	DM	72	9606			GW8FKB	IO	56	9711	
13	WA10UB	FN	71	9601			KB5IUA	EL	56	9707	
14	NOLL	EM	70	9801			WASIYX	EL	56	9508	
	VK3OT	QF	70	9705	5	51	I5MXX	JN	55	9803	
	VK4APG	QG	70	9612			KOTLM	EM	55	9508	
	W4DR	FM	70	9602			NOKE	DM	55	9708	
18	KITOL	FN	69	9503			W3ZZ	FM	55	9601	
	N5JHV	DM	69	9605	5	55	DJ3TF	JN	54	9803	
	ON4KST	JO	69	9808	5	56	W3BO	FN	53	9804	
21	PA2VST	JO	68	9805	5	57	G4IFX	IO	52	9510	
	TIZNA	EJ	68	9503			K4Z00	FM	52	9706	
23	G3WOS	IO	67	9707			WA2TEO	FN	52	9604	
24	G4IGO	IO	66	9708	6	50	KE7CX	CN	51	9605	
25	G4UPS	IO	65	9610			W5AL	DM	51	9707	
	SM7AED	JO	65	9709	6	52	WOFY	EM	50	9707	
27	IK2GSO	JN	64	9807			W6YLZ	DM	50	9701	
	PA3BFM	JO	64	9606	6	54	PA2TAB	JO	49	9502	
	SM7BAE	JO	64	9507	6	55	IOCUT	JN	48	9504	
30	DL7AV	JN	63	9707			K6EID	EM	48	9706	
	PA000S	JO	63	9707			PEILCH	JO	48	9703	
32	KG6UH/DU1	PK	62	9709			WA5QCP	DM	48	9509	
	SVIEN	KM	62	9803			ZL3AAU	RE	48	9801	
34	кненн	BL	61	9505		70	K6FV	CM	47	9808	
	W3EP	FN	61	9601	7	71	G4HBA	IO	46	9502	
	WA5JCI	EM	61	9708			VE3FGU	FN	46	9708	

Rank	Call F	ield Fiel				ield Fie	
	WIAIM		46 9803	146	DLIEJA	JO	16 9711
74	DJ10J		45 9707		ES1CW	KO	16 9712
	KY5N		45 9701		ES5DE	KO	16 9712
	S59F		45 9809		G4DCJ	JO	16 9608
77	W3OTC		44 9602		G8DCJ	IO	16 9509
7.0	W9JUV		44 9611		KD4GVW	EM .	16 9505
79	N5BBO		43 9606		N7YAP	DN	16 9706
	VK6HK		43 9510		W5DO	DM	16 9801
81	K9LCR		42 9601	154	ES2NA	KO	15 9807
	OE4WHG		42 9808		ES5RY	KO	15 9712
	VE3CTT		42 9707		G4MJS	IO	15 9506
0.5	VE7XF		42 9808		IKOBAL	JN	15 9704
85	N5HHS		40 9609		KC6IPF	CN	15 9802
	N8NQS		40 9702 40 9508		ON9BGP SM3VEE	JO	15 9807
88	SM3EQY KOCJ		40 9508 39 9707		SM6MPA	JP JO	15 9610 15 9508
89	SMOKAK		38 9608		SM7VHS	JO	15 9805
90	KA7MCX		37 9708		XE1AVM	DK	15 9612
90	N6ZCP		37 9711	164	ES2RJ	KO	14 9712
92	KH2CY		36 9610	104	KB0MJD	DN	14 9602
92	OZ5IQ		36 9508		SM6MVE	JO	14 9711
94	GW6VZW		35 9605	167	DL7FF	JO	13 9709
24	KOCS		35 9808	10,	ES6PZ	KO	13 9712
	K8UNV		35 9508		IW4DCW	JN	13 9804
	YO7VS		35 9809		KORZ	DM	13 9501
98	OHILEU		34 9506		NOWVU	DM	13 9607
,	OZ6AQ		34 9712		SM2HTM	KP	13 9804
100	PA3GML		33 9807		WAIECF	FN	13 9611
100	W6YLL		33 9702	173	ES2RW	KO	12 9712
102	SM7JUQ		31 9506		HP3XUG	EJ	12 9810
103	G6LEU		30 9707		K7UV	DN	12 9704
	OK1DDO		30 9804		KO6ET	DM	12 9701
	PACION		30 9501		ON4CCR	JO	12 9706
106	G3KLL	IO :	29 9707	178	KB8TEJ	EM	11 9807
	KA9UZW	EN :	29 9809		LA5TFA	JP	11 9701
108	VE6XT	DO :	28 9807		N8CGY	EN	11 9710
	VK3ALM	QF :	28 9508		SM5INC	JO	11 9706
	W8WNX		28 9803		SM6VKC	JO	11 9708
	W9VA	EN :	28 9706	183	ES0SM	KO	10 9712
112	KB6NAN	CM :	27 9808		ES1AJ	KO	10 9712
	VE7SKA	CN	27 9608		ESIII	KO	10 9712
114	VY2KX	FN .	26 9702		ES5PC	KO	10 9712
	Z23J0	KH .	26 9608		ES6RHB	KO	10 9712
116	ES6QB	KO .	25 9712		KB0QDK	DN	10 9602
	WB7QBS	CN	25 9609		KD6FYK	CM	10 9801
118	EH7CD	IM .	24 9805		OZ1CJX	JO	10 9602
	GJ3RAX	IN .	24 9609		SM0GJK	JO	10 9708
	OZIIEP	JO .	24 9510		SM5PPS	JO	10 9507
121	DL3YEE		23 9504		SM5VCK	JO	10 9710
122	KL7GLL/W4		22 9707	194	ES1MW	KO	9 9712
	NOHJZ		22 9607		ES5QA	KO	9 9712
	SM4POB		22 9606		NO POH	DM	9 9801
125	GW8FKB		21 9701		SM4HEJ	JO	9 9602
	N5HHS		21 9609		VE2PIJ	FN	9 9707
	N8ZJN		21 9809		XE1KK	EK	9 9601
	NL7XM		21 9507	200		KO	8 9712
	VE3TMG		21 9707		ES3RM	KO	8 9712
	WA6TBO		21 9801		ES4NG	KO	8 9712
131			20 9712		NH6YK	BL	8 9601
	OHIAJ		20 9507		OZ 2AEV	JO	8 9606
	WA9PWP		20 9611		ZR1AEZ	JF	8 9701
134			18 9503		ES00I	KO	7 9712
	DL5BBL		18 9507		ESIJL	KO	7 9712
	DL7ANR		18 9706	200	NH6YK/KH4	AL	7 9601
	EI7GL		18 9604	209	OK2BEE	JN	6 9712
	HL9UH		18 9709	211	SM5KUX	JO	6 9506
	OH9NYW		18 9701	211	ES0HD ES1AW	KO	5 9712 5 9702
1.43	SM5NVF G8CDW		18 9707 17 9805			KO	5 9702
141	PE1EBJ		17 9603		ES1HW ES1XT	KO	5 9712
	PEIOGF		17 9611		ES2XM	KO	5 9712
	WALECF		17 9807		ES3BR	KO	5 9712
	WB8RUQ		17 9606	217		JO	4 9707
	Dorrog	22.4	_, ,,,,,,,	218		JO	3 9701
				-10	Jan Jan	00	0 3,01

My real work leaves no time to create something good with the Fields List. So I am leaving this for others to take over. A group called TOEC (Top Of Europe Contesters) will continue with the list. TOEC are sponsors of World wide Grid Field contests among other things. Check their Web page for all information, at: http://www.pobox.com/~field

I have been doing this list for almost four years now. It has been fun, but I look forward to work some radio now:). Bye everybody, good luck with the Grid fields. 73 / Johnny

#### Sept-Nov 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's Six-metre Info. JA1VOK's column V, UHF DX Topics in MOBIL HAM, GJ4ICD's Internet 6m News (marked with #), G4UPS, EH8BPX, VE7SKA, K6QXY, W0MTK, HP3XUG, KL7SIX, NH6YK, LW5EJU, XE2HWB, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned (or both CW & SSB), H=heard only.

Reports of Africa								
ASCENSION IS	2							
		E0 033	В	G4FUF				
	22 539 9 NOW	50.032		ON4GG				
11022054 ED8VHF	y NOW	50.032		BA7KW				
11022034 abover		30.033	-	222 / 154				
BOTSWANA								
	D IW9BJU	50.150		GJ4ICD				
	>JN52	50.117		IK5RLP				
10211910 A22BW CQ		50.110		IKOFTA				
CAMEROON								
10172110 TJ1GD		50.120		SVIDER				
CANARY IS.								
10220058 EH8BYR		50.110		PY2RO				
10231116 EH8/DJ308	BERND	50.110		DJ5JK				
10231244 EH8/DJ308		50.110		GJ4ICD				
10232122 BH8PBX AV	ELINO	50.117		EP9DM				
	ABELINO	50.130		LW5EJU				
11032238 BH8BPX 59	ABELINO	50.105	W	LW5EJU				
11052301 EH8BPX		50.117		BA5CPU				
11052301 BH8BPX 59		50.110		PY2VA				
	G PYOFF	50.110		PY5CC				
11141011 EH8/EA5CPU				DF7RG				
11151913 EH8/EA5CPU	89+20	50.110		PY5CC				
CAPE VERDE	IS.							
10112004 D44BC CC		50.110		GJ4ICD				
10112221 D44BC		50.110		PY2VA				
10121845 D44BC 58		50.110		BASFKW				
10122139 D44BC		50.110		PY2DP				
10190011 D44BC WKG	YV4YC	50.110		YV4FEM				
OPERA A RESE	** * *							
CEUTA & MEI								
	75>1092	50.134		MOKAD				
	599 IM75		C	G4UPS				
	N48	50.102		DL1YD				
11011908 EH9IB		50.110		PY5CC				
11011908 EH9IB		50.110		PY5CC				
11171627 EH9AI		50.115		TR8CA				
11171627 BH9AI		50.115		TR8CA				
CHAGOS ARC	HIDEL	CO						
			22	73.6000				
10261350 VO9OM	>PM53	50.110	n	JA6QGG				

*			
10172320 3C51 10211947 3C51	CQ NO TAKER CW VY STRONG CW - 559 GG66 EEYER JJ43	A 50.110 50.105 50.105 50.100 50.110 50.107 E	ZP9DM PY7ZZ PP1CZ PY2DP I7CSB G4UPS
ERITREA: and exorbitan A DX group of the 10-floo which has a g tions. E30GA (DL2DXA an CW and SSB to VR2 on 6n	nt licensing for got on the air or Nyala Hoter takeoff A worked Eurd I7CSB were 6 m QSOs) a	ees, the sees from the lin Asi in all directory or their	Space ne top mara rec-
11061246 E30GA 11061309 E30GA 11061414 E30GA 11071259 E30GA 11071259 E30GA 11071303 E30GA 11071326 E30GA 11071425 E30GA 11111144 E30GA 11111315 E30GA	JN52>KK95 59	50.110 50.110 50.110 50.110 50.110 50.110 50.110 50.112 50.112 50.110	VR2EGD VR2EXP IKOOKY IT9RER
10302252 TROA	33 QSB > 108 1853>JJ40 JJ40QL > 1L18 JJ40 > 1L18 JJ40 > TL18 WEAK FM JJ40 JJ40 579 CQ CQ -50048 TROA/B	50.115 88K 8 50.110 88K 8 88K 8 0 50.105 50.110 50.048 50.110 50.110	G4UPS EH1TA EH8BPX PT7MK EH8BPX EH8BPX PY2XB EP9DM PY2XB IT9RER IK0FTA PY5CC IW9CER
GAMBIA 10162311 C56A 10171628 C56A 10181900 C56A 10221803 C56A 10221805 C56A 10230655 C56A 10261620 C56A	CQ CQ 5911 IK13 CQ EU 59 IK13	50.110 50.115 50.112 50.115 50.120 50.120 50.110	PY5CC IW9CER IK8DYD EH1TA G2ADR SP3RHE DF1JAP
GHANA 10172018 9G1YR 10172208 9G1YR 10172225 9G1YR 10292005 9G1BJ 10301655 9G1BJ 10301659 9G1BJ	IJ998F > IL18 IJ99 GRAHAM JOHN >IJ998F 54>JN35	3SK 50.118 50.118 50.110 50.115 50.115	EH8BPX PY2DP PY2GG IT9RER GJ4ICD IW1DIM
IVORY CO. 10211430 TU20J 10211436 TU20J 10231302 TU20J 10302222 TU2MA 11032123 TU20J MADAGAS	55 > IN53 59 IJ76AD 59 IJ76AD>JM76 559 IJ76	50.108 50.108 8 50.109 50.110 50.112	EH1TA IW9CER IW9CER PY2VA EA7KW
MADAGAS 10041737 5R8EB 10231601 5R8EB		50.115 50.100	IOJX IW9CER
10302231 CT3HF 11042143 CT3FT	57 CEDRIC IM13TA > IL1: 52 IM12 DUART! 59 57 IM12 DUART! CLG PY1VOY IM13 > FK68 59+ IM13TA 57 IM12 53>FF46	50.130 50.110 50.130 50.130 50.130 50.110 50.110 50.108 50.130 50.130	LWSEJU S EH8BPX LWSEJU PY2VA EASCPU LWSEJU PU2LCD PY5CC W WP4O W LWSEJU N LWSEJU N LWSEJU CE3BFZ N LWSEJU
10111740 7Q7RM 10211800 7Q7RM 10221514 7Q7RM 10221510 7Q7SI 10302017 7Q7RM 11071745 7Q7SI	59+20 59+20 59>JM75 KH74MF > IL13 K 449>579 -13	50.111 50.110 88K 8 850 1 50.110 50.0017	H GAUPS B GAUPS ONAGG 9H5IO S EH8BPX B GAUPS IT9ESW B WALOUB B WILP B W3BO

9DM 7ZZ 1CZ 2DP CSB UPS	10172211 T26VV   IK63UV > IL188K	OZ5QF IK8DYD GJ4ICD
oms ace op a	MOROCCO: CN2UN has been ing South America "almost daily' with an IC-706 with AT180 from (5th) floor of a hotel in Laayoune λ/4 vertical.	on 6m the top using a
Asia OSAX SEME 9KSS 2LC	10101805 CM8LI 55>59 > IO80JV 10231428 CM8LI 55-GG66 50.10 10231110 CM2UM 55>GG66 50.10 10231118 CM8UM 57 Q8B 50.150 10282157 CM8LI 59+ 50.026 10282206 CM2UM 52 ILJ7JD ROSS 50.110 10302155 CM2UW WKG PYOFF 50.120 11011738 CM8LI 59-JM35 50.110 11022212 CM2UM CQ 6M TEP 50.110 11042246 CM2UM 52 ROSS ILJ7 50.110 11091951 CM8LI 53 SAID IM64 50.108 11092003 CM8LI 59++ 50.10 11122202 CM8LI 55 50.027	H G4UPS B GJ4ICD FY2RO HB9SJV B FY5CC LW5EJU FY5CC IK12OF FY5CC W LW5EJU W LW5EJU
22GD 22XP 00KY 9RZR 6CCU 9RZR	NAMIBIA 10041851-V51KC 10121508 V51KC 10121508 V51KC 10121508 V51KC 10121508 V51KC 59 WKG 9H 50.120	W LW5EJU  GM4DGT W G3HBR I7CSB IW9CER
SBPX FOR SBPX SBPX SBPX SBPX SPDM SXB SPRER	10241316 V51KC 59 WINDHORK 50.135 10241316 V51KC 55.105 10301320 V51KC 50.110    REUNION IS.   10041112 PR5DM 33 WKG G3EYY -1115	H G4UPS IT9RER
OFTA SCC SCE SCE SCE SCE SCE SCE SCE SCE SCE	10101651 PR5DN 59 LG78QS 50.139 10161759 PR5DN 59 LG78QS 50.110 SENEGAL 10302138 6W1QV WKG CM2UN 50.110 11011701 6W1QV 50.120 110422138 6W1QV CQ 50.110 11042138 6W1QV WKG EH7CD 50.110	IW9CER IK5EUL PY5CC BA2LY BA7KW
ADR 3RMS 1JAP 1BBPX 2DP 2GG	SOUTH AFRICA  100413146 2868DTE 33 > 1080JV  10041300 2865TWB 5795999*30 -1428  10041320 2866BTE 559/559 KG33 IAM  10041335 2866ATE 559/559 KG33 IAM  10041334 2868DTE 57/57 KG33 LERCY  10041344 2868D 557/57 KG33WU (ex286YA)  10041344 2867 57/57 KG33WU (ex286YA)  10041349 286BW 5795999 -1419  10101606-286TWB > 1080JV	
PRER FAICD FIDIM FITA FOCER FOCER FOCER	10161918 ES6WB KG44CE > IL18SK 10171332 ES6XJ 55 WKG F STMS 10171407 ES6TWB 559 > IO80JV 10171409 ES6DW 449	S EHSBPX H G4UPS B G4UPS B G4UPS
	10171412 856B8 449 10171412 856B8 449 10171426 856ANT 559 - 1437 10211448 256TWB 559 - 1544 > 1080JV 10211454 256DW 559>579 - 1544 10211503 256XJ 44>57 > 1540 10241215 856DW > 1091  SUDAN	
18BPX 15BJU 12VA 15CPU 15BJU 12LCD 15CC	100414600 SPISA 59 50.110 10051954 SPISA 50.110 10071517 SPISA 50.110 11060705 SPISA 579/559 > PL36 50.110 ZIMBABWE 10041420 SIZUE 50.110	CTIDYX
UPS	10071847 \$22JE 50.110 10091648 \$21F0 KH52 50.110 10101630 \$22JE 55 > 1080JV 10181520 \$22JE 55>JR11A0 50.117 10231532 \$22JE 50.113	GJ4ICD H G4UPS EH3CQQ
14GG 1510 18BPX	Reports of Asia (Mide	East)
	11141122 58401	9A3FT
UPS 72BEQ PICE UPS	10231411 4X1IF 50.120	IT9RER SP6GWB SP6GWB DL4MDQ S59A

10281502

599 >PL36 599 >PL36 599 >PL36 599 >PL36 579 >PL36

C JR6VSP C JS6CDB

JR6RAH 7J6CCU

JR6VSP

50.110

MALI 10071639 TE6VV 10071702 TE6VV 10092309 TE6VV 10101654 TE6VV

KAZAKHSTAN 11080504 UN36 539 >PL36 50.110 C 7J6CCU 11080508 UN36 539 >PL36 50.110 C JAIVOK/6 11080510 UN36 559 >PL36 50.110 C JR6GV	11220805 XEIN	GREECE  10121250 SVISIX 419 > J021J0 50.040 B PEIMES 10172055 SVIDH CQ CQ 50.110 SVIDKR 10180641 SVIDE CQ ON CW 50.110 SVIDKR
11080511 UB3G 559 >PL36 50.110 C JR6HI 11080521 UB3G 55 >PL36 50.110 S 7J6CCU 11080522 UB3G 559 >PL36 50.110 C JS6COB	PRATAS IS.	GUERNSEY IS.
11080534 UB3G 559 >PL36 50.110 C JR6RAH 11090515 UB3G 559 >PL36 50.110 C JR6VSP 11090528 UB3G >PM53 50.110 H JA6TEW	11141504 BQ9P >OL72 145.000 F VRZMT 11141741 BQ9P >OL72 50.110 S VRZMT 11171233 BQ9P >PL36 50.110 S JREVSP 11171234 BQ9P >PL36 50.110 S 7J6CCU	INCLINATE SO.144 SPODED IRELAND
LEBANON	11171235 BQ9P >PL36 50.110 S JR6HI 11171257 BQ9P >PL36 50.110 C JR6GV	11141117 BI5FK IO51>IM87 57 50.120 BA7GTF
11141010 OD5SIX >JO20HI NICE 50_078 B OH4KST 11141121 OD5SIX 50.078 B 9A3FT 11171707 OD5SX 57>JN86EH 50.110 9A8A	SINGAPORE 11080159 9V8AG 59+>PL36 50.200 S JA1VOK/6	ISLE OF MANN 10180921 GD410H 58 50.145 PAOLPE 10181015 GD410H 59/59 1074QD ABDY S G4UPS
OMAN 10310920 A45EM 579 >PL36 50.110 C JR6GV 10310921 A45EB 579 >PL36 50.110 C JS6CDB	11140551 9V88EA >PM75 50.115 S JL4GTO 11140611 9V88EA >PM53 50.110 S JA6TEW 11140615 9V88EA >PM63 50.115 S JA5CMO 11150408 9V88EA >PM86 50.085 C JA9BHE	11051911 GDOTEP 50.163 OK2DB 11051944 GD3TEP 1074 > J070 50.163 OK1MP
11070808 A45EM 559 >PL36 50.110 C JAIVOK/6 11071016 A45EM 59PL36 50.110 C JR6VSP 11071017 A45EW 599 >PL36 50.110 C JS6CDB	TAIWAN	ITALY 10031210 10JX 449 -1210 B G4UPS 10041038 1W9A 44 H G4UPS
11071025 A45EE >PL36 50.110 C JS6CCJ 11071310 A45EE >OL72 50.110 S VR2LC	11050842 BV2DP	10041108 IWODEI 55, IKOFTA 44 H G4UPS 10101648 IW9BJU 53/53 JM77GG JOHN S G4UPS
11080821 A45EN >PM53 50.110 C JH6VXP 11080824 A45EN >PM64 50.110 C JA4MBM	11080722 BV2DP 569 >PL36 50.110 C JA1VOK/6	10201031 IOJX 599 > IO80JV B G4UPS 10201035 IMBDRG 57 > IO80JV H G4UPS 10221650 IKBDYD CLG CQ AFRICA H G4UPS
11080835 A4528 >PM53 50.110 C JA6RJK 11080845 A4528 >PM53 50.110 C JA6QGG	Reports of Europe	10221800 107X 569 -1850 B G4UPS 10221804 ISSEME 59/57 JN52 - 1920 S G4UPS 10221819 IKOFTA 59/59 JN61 SERGIO S G4UPS
11090837 A458N >PL36 50.110 C JR6VSP 11170554 A458N >PM53 50.110 H JA6QGG 11170614 A458N 579 >PL36 50.110 C JR6VSP	EUROPE GENERAL 10120955 EUR INBAND TV STRONG I GAUPS	10221819+10ER 59 > IO80JV H G4UPS 10221836 IK6MLI 599/599 JN62UT C G4UPS 10221837 IK4DRY 599/599 JN64 STEVE C G4UPS
11170615 A45EN >PL36 50.110 C JR6GV 11170615 A45EN 57 >PL36 50.110 S JR6VSP	10201045 EUR INBAND TV STRONG I G4UPS 10211350 EUR INBAND TV WEAK->59 -1920I G4UPS 10241150 EUR INBAND TV STRONG-1080JV I G4UPS	10221902 IN3YHGW 57 > IO80JV H G4UPS 10281119 ITSPB 53/52 JN80JV > IO80JV S G4UPS 10281124 IOJX 449>569 B G4UPS
Reports of Asia (Far East)	EUROPEAN WATERS 10242141 PASHER/MM IM33GJ & 2201 S EHEBPX	10281138 IWORLC 53/53 JN63FD DARIO S G4UPS 10281145 IKONOJ 559 QSB -1215 H G4UPS 10291746 IV3LNC 55 > 1080JV H G4UPS
ASIA, GENERAL 11130500 ASIAN TV -0900 49.750+ V VK6RO	ALAND IS. 10271839 0HOAB MS >JN588P 50.159 DL4MDQ	JAN MAYEN
CHINA 10270650 BG70H >PM85 50.120 H JE2DWE	ANDORRA	10232119 JX7DFA 50.110 PAOGOS 10232120 JX7DFA 53>IO73 50.110 GW4VEQ 10232127 JX7DFA 59>IO87LM 50.110 GM7SJC
10301452 BM6ADL >0L72 144.660 F VR28NY HONG KONG	11071347 C30FA 59++ 50.110 IK5EUL AUSTRIA	1131916 JX7DFA/P IQ51 50.110 LAZFKA 11131921 JX7DFA/P 559>JO57 50.110 SM6CMU
10270615 VR2ZDH	10201130 0E6BMG 59 > I080JV H G4UPS 10241150 0E3HHB 59 > I080JV H G4UPS	JERSEY IS. 10191905 GJ4ICD CLG LU6E 50.110 H G4UPS 10280052 GJ4ICD CQ 579 50.110 GU7DHI
10270735 VR98LC >PM85 50.115 H JE2DWE 10270824 VR2IL >PM85 50.120 H JE2DWE 11091323 VR98LC >PL36 50.110 C JR6VSP 11210718 VR2YRC >PM85 50.110 H JE2DWE	AZORES 09302157 CU3URA HM68 50.013 B PPICE 10101805 CU3URA > 1070 B G	MALTA 10041049 9H1AW 44 QSB > IOSOJV H G4UPS
11210720 VR98LC >PM85 50.150 H JE2DWE 11210721 VR98LC >QM05 50.150 H JALVOK 11210722 VR98JK >QM05 50.099 H JALVOK	BALEARIC IS.	10041125 9H1AW 53/53 JM75 ALAW S G4UPS 10101630 9H0VRE 57, 9H51P 55 H G4UPS 10121729 9H1SIX >J021JO 50.024 B PEIMES
JAPAN	10031702 BH6VQ CQ 50.130 EA7KW 10171416 EH6ADW 599 CLG ES6EE H G4UPS	10122032 9H1BT CQ CQ>CW 50.111 PPICS 10211159 9H1AW 50.112 GG41C 10272043 9H1AW CW 50.120 PPICSD
10080113 JR6AP 53 > BL11 50.110 NH6YK 10080116 JR6HI 59+30 > BL11 50.110 NH6YK 10080423 7J6CCU 53 > BL11 50.110 NH6YK	BELGIUM 10191419 0M4ABT 44A (CW) > 1080JV H G4UPS 10191519 0M4GG 55A/55A J020AR GEERT C G4UPS	NETHERLANDS
10250250 JR6VSP 55 > BL11 50.110 RH6YK 10250252 7J6CCU 53 > BL11 50.110 RH6YK 10250257 JR6GV 53 > BL11 50.110 RH6YK	CAPRI	10191406 PA3BLE 55A/55A JO22LM ERWIN C G4UPS 10191515 PA000S 53A/52A JO33HG JAAP C G4UPS
10291350 JASYBR (Es) >QM05 50.017 B JAIVOK 11100433 JASYBR (Es) >PM85 50.017 B JE2DWE 11100433 JRSYAG (Es) >PM85 50.037 B JE2DWE	10031210 IC8GOJ 59 -1219 H G4UPS 10201035 IC8AC 55 > IO80JV H G4UPS	NORWAY 10101526 LA38DA 559/559 JP50 ROAR C G4UPS
KOREA,S.	CROATIA  10031210 9A1CAL 579 -1219 B G4UPS 10201031 9A1CAL 559 CLG CQ H G4UPS 10201031 9A1CAL 559 B G4UPS 10201045 9A3AT 59 -1054 > IO80JV H G4UPS 10221902 9A3HE 599/599 JN856FJ C G4UPS 10291740 9A3FT 599/599 JN856FJ C G4UPS 10291746 9A2RW 599/599 JN856FJ>IO80JV C G4UPS 10291757 9A3HE 599/599 JN86FJ>IO80JV C G4UPS	11071626 LAZOG JP42NB 50.120 PA0008 11131454 LAZMJA 52A JP60>J033 50.090 C PA3BGM
11100026 HL5XF	10201031 9AICAH 559 CLG CQ H G4UPS 10201045 9A3AT 59 -1054 > IO80JV H G4UPS	POLAND 10041420 SPILJP/MM JG38NV 559 50.090 IK2GBO
NOKEA,S. 11070739 Hiltr	10221902 9A3HE 599/599 JN86FJ C G4UPS 10291746 9A3FT 599/599 JN75WT C G4UPS 10291746 9A2HW 599/599 JN86FJ>1080JV C G4UPS	10041530 SPPLDP/NM JG38NV 579 50.090 BA3CW 10121013 SP9UOP 55/55 JO90 S G4UPS 10201012 SRSSIX 559 -1013 B G4UPS
11100305 DSICMD	COTIOT DESIRETO	
11162247 HL2DJW (MS) >PM85 50.105 H JE2DWE 11162255 HL5XF (MS) >PM85 50.120 S JE2DWE	CZECH KEPUBLIC 10221849 0K2VMD 59/59 JN89HI JOB S G4UPS 10241219 0K2BFI 57/53 JN89QH >1080JV S G4UPS 10241219+0K2BGW 57 -1330 H G4UPS	10101654 CTOSIX 599 B G4UPS 10101805 CTIBES 59 > 1080JV H G4UPS
11170138 HLILTC (MS) >PM85 50.110 H JE2DWE 11190455 HL5XF (Sc) >PM85 50.110 H JE2DWE 11210445 HL5XF >PM85 50.125 H JE2DWE		
MACAO 11141833 XX9TRR STRONG 50.109 PPICE	10191404 G4VCL 55A/55A 1093EO DEREK S G4UPS 10191419 G3KBU 55A/55A 1093EO DEREK C G4UPS 10191429 G2ADR 55A/55A 1093 ERIC C G4UPS 10191451 G3LAS 53A/53A J001AU J0HN C G4UPS	RUSSIAN FEDERATION  10241359 UY5QE KN77 >JO22 50.104 PAZVET  10241412 UY5QE KN77 55 50.114 S PBOALN  11181021 UA1WER K047 >JM52 50.130 ISSEME
MALAYSIA, GENERAL 11010900 9M2 ch2 >QM05 53.75 F JAIVOK	FAROE ISLANDS	SAN MARINO
11010900 9M2 ch2	FRANCE 10142015 THEF 55 IN94>1080JV 50.110 H G4UPS	10301444 T72EB V51KC 50.110 9H5IO 10301542 T72EB/A CQ 50.115 G6YIE 11031439 T72EB 50.130 9H5IO
MALAYSIA, WEST 11011418 9M2NK	10231123 F3CM JN06IV > IL188K S EH8BPX 10231125 F6BQX JN06GT > IL188K S EH8BPX	SARDINIA 10092059 ISOSIX JM49 50.164 B ISOAGY 10232130 ISOSIX 50.136 IK4DRR
11150347 9M2NK >PM36 50.107 C JA9BHE 11220704 9M2NK >PM53 50.107 H JA6QGG	GERMANY 10121109 DF7RG 599/599 JN68HG GEORGE C G4UPS	
MYANMAR (BURMA) 11220800 XEIR 59/59 >PL36 50.110 S JS6CDB	11011734 DL6AMI JO50 50.110 BAZLY 11051914 DL9UDS 50.172 GOLFF	10191402 GB3RMK 55A AURORAL 1077 B G4UPS 10191402 MM0AMW 57A/53A 1075EJ DAVID S G4UPS
11220801 XXIM	GIBRALTAR 11141128 \$82E0 CQ DX 50.113 G3FPQ 11141224 \$82E0 559>J849 50.116 DL3IAE	10281139 GB3LER 559 QSB > 1080JV B G4UPS SERBIA
11220803 X11N >PL36 50.110 S JR6GV 11220804 X11N >PL36 50.110 S JR6GV	GIBRALTAR  11141128 EB2E0 CQ DX 50.113 G3FPQ  11141224 EB2E0 559>JN49 50.116 DL3TAE  11171638 EB2E0 519 CQ 50.110 TR8CA  11171704 EB2E0 519 CQ 50.110 EA7KW	10201120 YU1KH 559 > IO80JV H G4UPS 10221902 YU1HQR 559 > IO80JV H G4UPS

SICILY 10041043 IT9CHU > 1080JV 50.110 H G4UPS 10101630 IT9ZON 559 > 1080JV H G4UPS	11130253 VEFARC 30° DO05>CH88 50.044 B VE7SKA 11130300 VE7SKA HW AU CR88 > DO05 H VEFSKA 11130301 VEFAW 30° DO33>CH88 50.125 C VE7SKA 11130305 VE7AGJ 30° CO96>CR88 50.125 C VE7SKA	11052345 KP4EIT 59 PAPO 50.160 W LW5EJU 11052348 KP4EIT 51 PAPO 144.200 W LW5EJU 11081524 WP4O 59+20 FK68 > EL17AX S W5UWB
10211133 IT9NGN 519/519 JM78PE>1080 C GAUPS SLOVAKIA	11131615 VE6JW 35° DO33>CN88 50.125 C VE7SKA 11132232 VE6EMU AU DO33>CN88 50.041 B VE7SKA	11081603 MP40 FR68 > EL09QL WA5IYX 11081934 KP3A 58 ALFONSO 50.110 W LW5EJU 11082152 KP4EIT 59+PAPO 50.150 W LW5EJU 11092309 WP40 59+EDWIN 50.110 W LW5EJU
11051835 OM3ID 50.110 GOLFF	11140327 VE6ARC 35 DO05>CH88 50.044 B VE7SKA 11140343 VE4AQ AU 50.130 KL7SIX 11140345 VE6ARC AU DO05 >0546 50.042 B KL7SIX	11092312 KP4EIT 59+PAPO 50.170 W LW5EJU
SLOVENIA 10051108 S552RS JN76MC 579 50.014 B 9A8A 10201012 S552RS 599 -1014 B G4UPS	11140433 VE7DAN 25° DN09>CN88 50.125 S VE7SKA 11140545 VE6JW 59A DO33 C KL7SIX	11160111 KP4EIT 55 PAPO 50.140 W LW5EJU 11172332 KP4HX 55 BRAULIO 50.115 W LW5EJU 11172343 KP4EIT 59 PAPO 144.300 W LW5EJU
10201120 857AC 57 > 1080JV H G4UPS 10221859 859F 59/59 JN65TX > 1080 S G4UPS 10221900 855ZRS 589 > 1080JV B G4UPS	11161454+VE6 CALGARY < 1830 > DM59 H WOMTK 11161519 VETNGG CR89 - CM89 W WA6KLK 11161608 VETATT C889>DM14 50.125 W M6RMJ	
10241150 S55ERS 449 > IO80JV H G4UPS 10291740 S55ERS 559 > IO80JV B G4UPS	11171324 VETVDX CN89 > DM06 W NIGG 11171358 VE6DX DO21 > DM06 W NIGG 11171406+VETBEE < 1718 > DM59 W WOMTK	10171526 FP5XAB GN16>FN43 MS 50.038 B WA10UB
SPAIN 10031811 EH3CQQ 55 CLG TR8CA <1814 H G4UPS	11171421 VETDXG CN88 > DM06 W NIGG 11171545 VETDXG CN88 > CM89 W WA6KLK 11171919 VEGMK D033>DN30 144 W NJ7A	United States, W1 11092333 W1/W3EP 57 EMIL FR31 50.110 W LW5EJU 11161258 W1TDK 51m FR32>FR13 50.125 S VE3VRO
10101654 EH4EED 59/57 IM68MU FRANK S G4UPS 10101902 EH7KW 599/599 IM67 JOSE C G4UPS 10171336 EH4EHI 51>59 IM68TV JOSE S G4UPS 10171438 EH5AAJ 57 WKG G H G4UPS	COSTA RICA 10010126 TIZNA 539 50.078 PPICS 10042342 TIZNA 419 50.079 PPICS	11170537 WITDS FN32>EN41 MS 144. W KDOPY 11170538 WIFIG FN41>EN41 MS 144. W KDOPY
10211416 EH3ADW 55 > I080JV H G4UPS 10250955 EA3VHF 559 QSB B G4UPS 10251003 EH3CQQ 55 BRIEFLY > I080JV H G4UPS	10042342 TI2NA 419 50.079 PPICE 10140208 TI2NA 559 50.078 PPICE 10180022 TI2NA 559 50.079 PYIVOY	United States, W2 11080502 K2TXB FM29>EN34 AU 144.200 W WOOHU
10251033 EH5FKW 59/59 IM98PG -1103 S G4UPS 10281115 EA3VHF 599 SEVERAL MINUTES B G4UPS	10232322 TI5KD 59 BF79 CARLOS 50.110 LW5BJU 10272352 TI5KD 59+CARLOS 50.120 LW5BJU	11140542 KB2??? BY AUES H KL7FS 11161507 WB2OTK 59 59 EM84 50.125 S VE3VRQ 11161744 KB2ZVF 59 59 FN22 50.125 S VE3VRQ
10281126 EH3TA 55 H G4UPS 11122256 EH7KW 55 JOSE 50.110 W LW5EJU	11010153 TI2NA 59+ 50.078 B LW5EJU 11010153 TI2NA 59+ 50.078 B LW5EJU 11042320 TI5KD 59+CARLOS 50.140 W LW5EJU 11081540+TI5KD EJ79 > FM23BX 50.150 S WAZAKY	11161955 N2ODU 59 59 FN02 50.125 S VE3VRQ 11170910 K2TXB FM29 1950KM MS 144. W CO2OJ
SWEDEN 10030751 SMTAED 559/559 C G4UPS 10050736 SMTAED 579/459 C G4UPS	DOMINICAN REPUBLIC	United States, W3 11080304 R3REL PR11 > PR41SR 144. AU W WILP 11080800 R031 ER90 > PR41SR 144. AU W WILP
10080737 SM7AED 579/449 C G4UPS 10100743 SM7AED 559/449 C G4UPS 10101510 SK3SIX 569 B G4UPS	10222245 HI3/ON4ANT 59 EK53 50.110 LW5EJU 11010050 HI8HS 55 HIGO 50.110 LW5EJU 11010050 HI8HS 55 HIGO 50.110 W LW5EJU	11161300 N3WM 43m FM19>FN13 50.125 S VE3VRQ 11161340 K3HEO 59 59 FN20 50.127 S VE3VRQ 11161502 N3ETE 57 FM19>FN13 50.125 S VE3VRQ
10110737 SM7AED 579/579 ARNE C G4UPS 10130742 SM7AED 579/559 C G4UPS 10140737 SM7AED 579/559 C G4UPS	EL SALVADOR 10222231 YSIECB 55 EDGARDO 50.107 LW5EJU	11161516 H3AH 59 57 EM66 50.125 8 VE3VRQ 11161721 W3OR/M 57 57 FM28 50.125 8 VE3VRQ 11161722 H3QCM 59 59 FM28 50.125 S VE3VRQ
10050736 SM7AED 579/459 C G4UPS 10080737 SM7AED 579/449 C G4UPS 10100743 SM7AED 559/449 C G4UPS 101007510 SK3SIX 569 B G4UPS 10110737 SM7AED 579/579 ARNE C G4UPS 10110737 SM7AED 579/559 C G4UPS 10140737 SM7AED 579/559 C G4UPS 10160741 SM7AED 559 10190743 SM7AED 449 QSB H G4UPS 10200738 SM7AED 589/579 C G4UPS 10280834 SM7AED 579/449 C G4UPS	10272335 Y81ECB 59+EDGARDO 50.107 LWSEJU 11052359 Y81ECB EDGARDO 50.108 PY5CC 11090243 Y81AG 3WATTS 50.115 PY5CC	11161725 B3XBG 59 59 FM19 50.125 S VE3VRQ 11161750 WHAR 2 MD Baltimore 1072 T OGLETHO
SWITZERLAND		United States, W4 11091939 W4CHA 53 50 0805 B LW5EJU 11091941 B4VHF 57 PAUL 50 110 W LW5EJU
10221909 HB9RUZ 54/54 JN47JM PETER S G4UPS	GRENADA 10010124 JJBOC 559 50.056 B PPICE 10050238 JJBOC 50.056 B PPICE 11020028 JJBOC 50.056 B PY5CC 11060003 JJBOC 599 50.056 B PPICE	11100216 W4 KY,TM,AL < 0448 > DM59 W WOMTK 11161301 KB4TDQ 58m EM73>FN13 50.125 S VE3VRQ 11161317 KB4TBQ 59 58 EM73 50.125 S VE3VRQ
UKRAINE 10201035 UT5RP 559 > I080JV H G4UPS 10201038 UU7JM 599/599 KR74BX>I080JV C G4UPS	GUADELOUPE	11161317 KB4TEQ 59 58 EM73 50.125 8 VE3VRQ 11161323 KF4GYI 59 59 EM93 50.125 8 VE3VRQ 11161337 KE4WDE 59 59 EM78 50.125 8 VE3VRQ 11161350 KA4CA 55 EM75>F#13 50.125 8 VE3VRQ
Donorto of North America	GUADELOUPE  10232315 F6/W6SR 59 50.110 LW5EJU 10252241 F65BG CQ 50.110 B PY2XB 10260011 FG/M6ED CRAIG 57 50.115 PY2XB	11161552 KF4TCD 59 59 FM07 50.125 8 VB3VRQ 11161555 W4URA 59 54 EM64 50.125 8 VB3VRQ 11161723 KD4MWO 59 58 EM90 50.125 8 VB3VRQ
Reports of North America		
ALASKA 10312317 KL7NO AURS 380 MI KL7SIX 11080335 KL7NO 5A BP54 KL7SIX	GUATEMALA 10112339 TG580 50.105 KP3A	United States, W5 10232126 W5AL 58 DM95 LEN 50.110 LW5EJU 10252200 W5 BACKSCATTER 140° H K6QXY
11080417 KL7NO 355° BP54>CN88 50.125 8 VE7SKA 11080440 WL7ME 59 CO28 Juneau KL7SIX 11080537 KL7NO 41A BP51>CN85 AUES W H7DB	HAITI 10042220 HH6PA WKG LU 50.105 WE8D/4	10310020 K5IUA 59 EL29 JOHN 50.115 LWSEJU 10310024 N5WS 55 EL09 RUSS 50.115 LWSEJU 10310025 W5/W3XO 53 EM00 BILL 50.115 LWSEJU
11140457 KL7FE 25° AUEs 50.125 H VE7SKA 11140533 KL7NO 25° AUEs>CH88 50.120 H VE7SKA 11161754 KL7NO MS-MB 50.125 KL7SIX	HONDURAS 10222303 HR1HCP 59 HERMAN 50.110 LW5EJU	11010013 W5/W3X0 51 EM00 BILL 50.110 W LW5EJU 11010016 K5HV 53 EM00 50.110 W LW5EJU 11010021 W50SI 51 PAT 50.110 H LW5EJU 11010156 K5EWS 59 EM10 50.150 W LW5EJU
BARBADOS	MEXICO 10252055 XE2HWB 54 DL44 50.110 LW5EJU	11081527 K5VH EM00 > FK68 50.125 W WP40 11081527 W5UWB EL17 > FK68 50.125 W WP40 11100216 W5 MS,TX,OK < 0448 > DM59 W WOMTK
10262356     8P6JR     50.110     PP1CE       10270019     8P6ER     50.110     PY2RO       10300036     8P6ER     50.110     KP3A	10302329 XEINVX 59 JURI 50.110 LWSEJU 11042310 XE2UEL >PM94 50.028 B JH2COS 11061410 NNTDE 2 May 100 XEW at al T OCLETHO	11161713 WASUTY DM64>DM14 50.150 W M6RMT 11161715 B5XZM DM65>DM14 50.150 W M6RMT 11162701 W5MT. DM65>DM14 50.150 W M6RMT
CANADA. Eastern	10302329   XEINVX   59   JURI   50.110	11162002 W5SWF DM95>DM14 50.125 W B6RN47 11162004 B5DDB EM15>DM14 50.125 W B6RN47 11162004 W95WOW RM26>DM14 50.125 W B6RN47
11131933 VEIRG & VEIEJ AUPEN31 144.2 H KZLME 11140558 VE9AA WKG VE7AGJ IH CO96 H KL7SIX	11090045 unIDs 2, 3,4,5,6 Mexico T OGLETHO 11090110 XE2USL Es B WA51YX	11170144 W5ANT 57 55 EH12 50.125 S VE3VRQ 11170723 W5DO DM65 > DM06 W H16G
11170117 VE3DLL 23 FN03>FN13 50.125 S VE3VRQ	11090110 XHATU 5 JAL 1000 T OGLETHO 11090140 XHG 4 JAL 1003 T OGLETHO	11170852 KB58NH DM65 > DM06 W N16G 11171406+W5 < 1718 > DM59 H WOMTK
CANADA, Northern 11080315 VESWD 599 DP22 50.018 B KL78IX	11090236 XE2HWB > CM87UF W KB6WAN 11141905 XE1NVX 59+JURI 50.105 W LW5EJU	11171530 W5AKU DM72 > DM06 W NIGG 11171613 W5UWB EL17>DN30 1186MI 222 W NJ7A
11080316 VESUL 59+ YELLOWKNIFE KL78IX 11080320 VESUF DP22 > DN17 AUES W N7EIJ 11080320 VESUL 59 AUES > DN17 50.125 N7EIJ	11162135 XEZUEL 50.028 B ELZTPY 11171455 XEFB 2 NL Monterrey; 611 T OGLETHO 11171510 XEZHWB DL54>DH30 144 W NJ7A	United States, W6
11000325 TREST. 15" DD225CMSS 50 130 C TR7CEL	TO A N. I.A. N. I.A.	11010100 K6QXY VY WEAK WKG ZL3NW H EL3TIC 11042342 N6RS >PM94 50.110 C JH2COS
11080403 VESSIX 355° CP38>CB88 .008 B VE78KA 11080427 VESSIX 599 50.008 B KL7SIX 11130300 VESSIX 579 AUEs CP38 50.008 B VE68M	PANAMA 10130057 HP3XUG CW EJ88>GG66 50.105 PY2RO 10180021 HP3XUG 599 50.105 PY1VO	11090314 WA6JRA EB 50.099 WA5IYX 11090442 W6BYA CM87 50.115 PY5CC 11171744 H6HKF DM13>DM30 222 W M.T/A
11130300 VESWD 599 AUES DP22 50.020 B VE6NM	11081537 HP2CWB 59+30 > FM23BX	
11140546 VESWD DP22 YELLOWKNIFE .019 B KL7SIX 11140600 VESUL 59A CLG CQ 50.125 H KL7SIX 11161754 VERSIX 559 50.000 B KL7SIX	11171244 HP2CWB 56/55 Colon FJ09 S HP3XUG	10140030 W7HAH MT > CR88 Es B K6QXY 10232120 AA7A 55 DM43 50.105 LW5EJU
CINIDAW	PULKTU KICU	10232124 W7RV 57 DM43 TOMMY 50.110 LW5EJU
CANADA, Western	10081930 WP40 53 EDWIN 50.110 W LWSEJU	11080021 W7HAH 50° DN28> CN88 50.062 B VR7SKA
CANADA, Western 1080003 VE6EMU 55A DO33 > CN88 .041 B VE7SKA 11080057 VE6PY 35° DO20> CN88 50.125 C VE7SKA	10081233 WP40 59 EDWIN 50.110 W LWSEJU 10081930 WP40 53 EDWIN 50.110 W LWSEJU 10242212 KP4EMP 58 FERNANDO 50.120 LWSEJU 10242217 WP40 59 EDWIN 50.140 LWSEJU	11080021 W7HAH 50° DN28> CN88 50.062 B VE7SKA 11080052 KK7MF 50° DN08> CN88 50.125 H VE7SKA 11080118 W7FHI 35° CN96>CN88 144.200 C VE7SKA
CANADA, Western  11080003 VE6EMU 55A DO33 > CN88 .041 B VE7SKA 11080057 VE6FY 35° DO20> CN88 50.125 C VE7SKA 11080240 VE7SKA CN88 > DN17 144. AU C N7EIJ 11080241 VE7XF CN89 > DN17 144. AU C N7EIJ 11080201 VE6FY DO20 > DN17 144. AU C N7EIJ	10081235 WP40 59 EDWIN 50.110 W LWSEJU 10081230 WP40 53 EDWIN 50.110 W LWSEJU 10242212 RP4EMP 58 PERBANDO 50.120 LWSEJU 10242217 WP40 59 EDWIN 50.140 LWSEJU 10252248 WP40 59 EDWIN 50.150 LWSEJU 10272250 WP40 59 EDWIN 50.150 LWSEJU 10202343 RP4ET 59 PAPO 50.140 LWSEJU 10202343 RP4ET 59 PAPO 50.140 LWSEJU	11080021 W7HAH 50° DN28> CN88 50.062 B VE7SRA 11080052 KK7MF 50° DN08> CN88 50.125 H VE7SRA 11080118 W7FHI 35° CN96> CN88 144.200 C VE7SRA 11080120 K7TM 35° DN27> CN88 144.200 C VE7SRA 11080125 K7YAO DN46 > DN17 144. AU C H7ELJ 110802150 K7YMO DN46 > DN17 50. AU W H7ELJ
CANADA, Western  11080003 VE6EMU 55A D033 > CN88 .041 B VE7SKA 110800057 VE6EY 35° D020 > CN88 50.125 C VE7SKA 11080240 VE7SKA CN88 > DN17 144. AU C R7EIJ 11080241 VE7SK CN89 > DN17 144. AU C R7EIJ 11080301 VE6EY D020 > DN17 50. AU W R7EIJ 11080339 VE6ARC D005 50.042 B KL7SIX 11080340 VE7MUF 559 B KL7SIX	10081235 WP40 59 EDWLN 50.110 W LWSEJU 10242212 KP4EMP 58 FERNANDO 50.120 LWSEJU 10242217 WP40 59 EDWLN 50.140 LWSEJU 10252248 WP40 59+EDWLN 50.150 LWSEJU 10272250 WP40 59+EDWLN 50.110 LWSEJU 10292343 KP4ELT 59 PAPO 50.140 LWSEJU 10302247 KP4ELT 59+PAPO 50.125 LWSEJU 10302305 KP4HX 59+BRAULIO 50.125 LWSEJU	11080021 W7HAH 50° DN2B> CN88 50.062 B VETSKA 11080052 K7HF 50° DN0B> CM88 50.125 H VETSKA 11080118 W7FHT 35° CN96> CM88 104.200 C VETSKA 11080120 K7TM 35° DN27> CM88 144.200 C VETSKA 11080125 KA7YAD DN46 > DN17 144. AU C H7EIJ 11080210 K17HO CM98 > DN17 104. AU W H7EIJ 11080238 H7EIJ 35° DN17> CM88 144.200 C VETSKA 11080244 K7THT DN74 > DN17 144. AU W H7EIJ
CANADA, Western  1080003 VE6EMU 55A DO33 > CN88 .041 B VE7SKA 10800057 VE6EFY 35° DO20> CN88 50.125 C VE7SKA 11080240 VE7SKA CN88 > DN17 144. AU C N7EIJ 11080241 VE7SK CN89 > DN17 144. AU C N7EIJ 11080301 VE6EFY DO20 > DN17 50. AU W N7EIJ 11080339 VE6ARC DO05 50.042 B KL7SIX 11080340 VE7MUF 559 B KL7SIX 11080341 VE6 11080436 VE7AGJ 59+ EB PAt CO96 > O542 KL7SIX 11080436 VE7AGJ 59+ EB PAT CO96 > O542 KL7SIX	10081235 WP40 59 EDWIN 50.110 W LWSEJU 10081235 WP40 53 EDWIN 50.110 W LWSEJU 10242212 RP4EMP 58 FERBANDO 50.120 LWSEJU 1022248 WP40 59 EDWIN 50.150 LWSEJU 10252248 WP40 59 EDWIN 50.150 LWSEJU 10252243 RP4ETT 59 PAPO 50.140 LWSEJU 10302247 KP4EIT 59 PAPO 50.140 LWSEJU 10302235 KP4HX 59 FBRULIO 50.125 LWSEJU 101010021 RP4ETT 52 PAPO 50.140 LWSEJU 11010021 RP4ETT 52 PAPO 50.140 LWSEJU 11010021 RP4ETT 52 PAPO 50.140 LWSEJU 11010021 RP4ETT 52 PAPO 50.140 W LWSEJU 1101005 RP3H 50 ALPONEO 50.140 W LWSEJU	11080021 W7HAH 50° DN2B> CN88 50.062 B VE7SKA 11080052 KK7MF 50° DN0B> CN88 50.125 H VE7SKA 11080118 W7FHI 35° CN96>CN88 144.200 C VE7SKA 11080120 K7TM 35° DN27>CN88 144.200 C VE7SKA 11080120 K7TM 05° DN17 144. AU C H7EIJ 11080210 K17M0 CN98 > DN17 50. AU W H7EIJ 11080238 H7EIJ 35° DN17>CN88 144.200 C VE7SKA 11080244 K7THT DH74 > DN17 144. AU W H7EIJ 11080456 W7FI 55 CN97 50.133 KL7SIX 11080456 W7FI 55 CN97 50.133 KL7SIX 11080456 W7FI 55 CN97 50.133 KL7SIX
CANADA, Western  11080003 VE6EMU 55A D033 > CN88 .041 B VE7SKA 11080003 VE6EMU 55A D033 > CN88 50.125 C VE7SKA 11080240 VE7SKA CN88 > DN17 144. AU C B7EIJ 11080241 VE7SK CN89 > DN17 144. AU C B7EIJ 11080301 VE6EMU D020 > DN17 50. AU W B7EIJ 11080331 VE6ARC D005 50.042 B KL7SIX 11080340 VE7MUF 559 B KL7SIX 11080341 VE6 KL7SIX 11080345 VE7AGJ 59+ RB Pat C096 > O542 KL7SIX 11080456 VE7AGJ 59+ RB Pat C096 > O542 KL7SIX 11080540 CBWFT 3 MB 85 EN19>CN88 T VE7SKA 11080510 VE5UF 75 D061>CN88 50.125 H VE7SKA	10082235 WP40 59 EDWIN 50.110 W LWSEJU 10081930 WP40 53 EDWIN 50.110 W LWSEJU 10242212 KP4EMP 58 FERBANDO 50.120 LWSEJU 10252248 WP40 59 EDWIN 50.150 LWSEJU 10252248 WP40 59+EDWIN 50.150 LWSEJU 10252343 KP4EIT 59 PAPO 50.140 LWSEJU 10302247 KP4EIT 59 PAPO 50.125 LWSEJU 103022305 KP4HX 59+BRAULIO 50.125 LWSEJU 11010021 KP4EIT 52 PAPO 50.140 W LWSEJU 11010021 KP4EIT 52 PAPO 50.140 W LWSEJU 11010025 KP3A 59 ALFONSO 50.150 LWSEJU 11010056 KP3A 59 ALFONSO 50.150 LWSEJU 11011055 KP3A 59 SUFONSO 50.150 W LWSEJU 1101105 KP3A 59 SUFONSO 50.150 W LWSEJU 1101105 KP3A 59 SUFONSO 50.150 W LWSEJU SUFONSO 50.15	11080021 W7HAH 50° DN2B> CN88 50.062 B VE7SKA 11080052 KK7MF 50° DN0B> CM88 50.125 H VE7SKA 11080118 W7FHI 35° CN96> CM88 50.125 H VE7SKA 11080118 W7FHI 35° DN27> CM88 144.200 C VE7SKA 11080120 K7TM 35° DN27> CM88 144.200 C VE7SKA 11080125 KA7YAD DN46 > DN17 144. AU C M7EIJ 11080210 K17MO CN98 > DN17 50. AU W M7EIJ 11080238 M7RIJ 35° DN17> CM8 144.200 C VE7SKA 11080244 K7TMT DN74 > DN17 144. AU W M7EIJ 11080456 W7FI 55 CM97 50.133 KL7SIX 11080456 W7FI 55 CM97 50.125 H KL7SIX 11080531 K7TMT DN74 > DN17 50. AU W M7EIJ 11080531 K7TMT DN74 > DN17 50.125 H KL7SIX 11080531 K7TMT DN74 > DN17 50.10 W M7EIJ 11080745 K7VU DN31 > DN17 144. AU C M7EIJ
CANADA, Western 1.030003 VB6EMU 55A DO33 > CN88 .041 B VETSKA 11080057 VE6PY 35° DO20> CN88 50.125 C VETSKA 11080240 VETSKA CN88 > DN17 144. AU C RTEIJ 11080241 VE7KF CN89 > DN17 144. AU C RTEIJ 11080301 VE6PY DO20 > DN17 50. AU W RTEIJ 110803039 VE6ARC DO05 50.042 B KLTSIK 11080340 VETMUF 559 B KLTSIK 11080341 VE6 11080341 VE6 11080341 VE6 11080340 VETAGJ 59+ E8 Pat CO96 > 0542 KLTSIK 11080456 VETAGJ 59+ E8 Pat CO96 > 0542 KLTSIK 11080500 CBWFT 3 MB 85 EN19>CN88 T VETSKA 11080510 VE5UF 75° DO61>CN88 50.125 H VETSKA 11080510 VE5UF 75° DO61>CN88 50.125 H VETSKA 11080520 VE6UF DO51 CN88 50.125 H VETSKA 11080520 VE6UF DO51 CN88 50.125 H VETSKA 11080520 VE6UF DO51 CN88 50.125 H VETSKA	Text	11080021 W7HAH 50° DN28> CN88 50.062 B VE7SKA 11080052 KK7MF 50° DN08> CN88 50.125 H VE7SKA 11080118 W7HF1 35° CN96> CN88 104.200 C VE7SKA 11080120 K7TM 35° DN27> CN88 104.200 C VE7SKA 11080125 KA7YAO DN46 > DN17 104. AU C 07E1J 11080210 K7TM 0CN98 > DN17 50. AU W M7EIJ 11080238 H7EIJ 35° DN17> CN88 104.200 C VE7SKA 11080238 H7EIJ 35° DN17> CN88 104.200 C VE7SKA 11080244 K7TMT DN74 > DN17 104. AU W M7EIJ 11080456 W7FI 55 CN97 50.125 H KL7SIX 11080456 W7FI 57 K7KX 50.125 H KL7SIX 11080631 K7TMT DN74 > DN17 104. AU W M7EIJ 11080745 K7VU DN31 > DN17 104. AU C M7EIJ 11080745 H7EIJ AU DN17 > DN31 1 44.200 W K7UV 11090406 W7GJ CLG CQ 50.125 B7EIJ

11140236 W7HAH 30° DN28>CN88 50.061 B VE7SKA	VIRGIN IS.	11050417 VK4BRG >PM85 50.0775 B JE2DWE
11140419 W7GJ 35° DN27>CN88 50.135 S VE7SKA	10242141 KP2EIT 59+PAPO 50.110 LW5EJU	11050422 VK4TVI >PM85 50.120 S JE2DWS 11050455 VK4ABP >PM85 50.150 S JE2DWS
11140556 K7RAT, 87ML, W7IW AU 50.125 H KL7SIX 11161305 W7RV DM43>DM06 M8 NI6G	10242209 WP2/W4WX 59+BILL 50.115 LW5EJU 10242215 KP2/N2WB 59 FK77 50.120 LW5EJU	11091100 VK4 ch0 S9+ >QM05 51.672 F JA1VOK
11161312 WA7PXD DN30>DM06 MS N16G 11161319 N7ML DM45>DM06 MS N16G	10242222 MP2/VE3FU 55 FK77 50.110 LW5EJU	11091121 VK4JUD >PM85 50.110 H JE2DWE 11091123 VK4ABP >PM85 52.465 B JE2DWE
11161340 AB7CE DN36>DM06 MS NI6G		11091123 VK4RIK >PM85 52.445 B JE2DWS 11091125 VK4JUD >QM05 50.110 H JAIVOK
11161454+N7ML < 1830 > DM59 W WOMTK 11161500 N7ML DN45 > CM89 W WA6KLK	Reports of Oceania	11091126 VK4ABP >QM05 52.3465 B JA1VOK
11161514 WB7QBS CN96>DM14 50.125 W N6RMJ		11091126 VK4JSR >QM05 50.150 S JAIVOK 11091130 VK4SKF >QM05 50.160 H JAIVOK
11161531 KC700C CN96>DM14 50.125 W N6RMJ	Australian Capital TerrVK1 11210421 VK1VP >PM85 50.165 S JE2DWS	11091136 VK4RIK >QM05 52.445 B JA1VOK
11161534 WA7TUE CN96>DM14 50.125 W N6RMJ 11161535 WA7TUE CN96 > CM89 W WA6KLK	11210429 VK1VP >QM05 50.165 S JA1VOK	11111119 VK4 ch0 >PM85 51.672 F JE2DWS 11111140 VK4AR >PM85 50.110 H JE2DWS
11161536 WB7QB6 CN96 > CM89 WA6KLK	A H NY O AL MY-1 MIZO	- 11130621 VK4ABP ->PM85 52.3465 B JE2DWE
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11161607 W78E CN85 > CM89 W WA6KLK 11161656 W7HAH DN26XK 1347KM 432.105 W N6RMJ	11091030 VK2 ch0 S9+ >QM05 46.24 V JA1VOK	11210408 VK4APG >QM05 50.110 H JA1VOK 11210410 VK4RGG >PM85 50.058 B JE2DWE
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11170135 NN7DX 51A CN72>CN84 (MS) W KG7FU	11210301 VK2 ch0 >PM85 46.24 V JE2DWS 11210347 VK2APG >PM75 50.110 H JL4GTO	11210425 VK4ABP >QM05 52.3465 B JA1VOK
11170726 KF7WK DN41 > DM06 W NI6G 11170858 KC7EGR CN82 > DM04 50.125 W KC6WFS	11210403 VK2APG >PM85 50.110 H JE2DWE 11210412 VK2APG >QM05 50.140 S JA1VOK	11210425 VK4BRG >QM05 50.0775 B JAIVOK 11210425 VK4RGG >QM05 50.058 B JAIVOK
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11170945 W7EW CH84 > DM04 50.125 W KC6WFS	11210417 VK2HO >PM85 50.110 H JE2DWS 11210419 VK2QF >PM85 50.106 H JE2DWS	11210450 VK4VV >PM75 50.152 H JL4GTO
11170951 K7ND CN87>DM14 222.140 W N6RMJ 11170959 W7/KC8CC DM33> DM04 50.125 W KC6WFS	11210420 VK2YHN >QM05 50.130 H JA1VOK 11210437 VK2BEE >QM05 50.133 S JA1VOK	11210457 VK48W >PM75 50.110 H JL4GTO 11210458 VK4ALM >PM85 50.167 H JE2DWE
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11171254 W7RV DM43>DN30 222 W NJ7A	11210506 VK2AT >QM05 50.128 S JA1VOK	11210559 VK4TVI >QM05 50.110 H JA1VOK
11171307 W7ML DN45 > CM89 W WA6KLK 11171325 K7RAT CN85 > DM06 W N16G	11210514 VK2FA >QM05 50.107 S JA1VOK 11210602 VK2PB >PM63 50.155 S JA5CMO	11210610 VK4SX >PM75 50.170 H JL4GTO
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11171416 W7IEW CN87 > DM06 W NI6G 11171419 K7IDX/7 CN87 > DM06 W NI6G	11220121 VK2 ch0 >QM05 46.24 V JA1VOK -11220403 VK2YHN >QM05 50.140 H JA1VOK	11210726 VK4GPS >QM05 50.100 H JAIVOK 11220354 VK4CRO >QM05 50.125 H JAIVOK
11171441 K7KK CN87 > DM06 W NI6G 11171445 KC7ITP CN96 > DM06 W NI6G	11220419 VK2YO >QM05 50.185 H JA1VOK	11220354 VK4GPS >QM05 50.160 H JAIVOK 11220354 VK4PU >QM05 50.150 H JAIVOK
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11171745 NJ7A DN30 222.150 W N6HKF	Australia-Queensland-VK4	11230244 VK4GPS >QM05 50.110 H JA1VOK
11171826 KE7FC DM34 > CM89 W WA6KLK 11171826 W7/NU81 DM43 > CM89 W WA6KLK	09100309 VK4DB 55 > BL11 50.110 NH6YK	11230252 VK4 ch0 >QM05 51.672 F JA1VOK 11230252 VK4PU >QM05 50.150 H JA1VOK
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United States, W8 10081929 KB8MBC 55 EM43 50.110 W LW5EJU	10100050 VK4BRG 53 > BL11 50.110 NH6YK	11230342 VK4TVI >QM05 50.110 H JA1VOK 11230403 VK4XA >QM05 50.085 H JA1VOK
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11161345 WASCGR 57 54 EM88 50.127 S VE3VRQ 11161625 KSKD 59 59 EN82 50.125 S VE3VRQ	10140201 VK4JH 57 > BL11 50.110 8H6YK 10140221 VK4BLK 52 > BL11 50.110 8H6YK	South Australia-VK5 11130608 VK5AYD >PM85 50.110 F JE2DWS
11161630 N8MIS 59 55 EN82 50.125 S VE3VRQ 11161728 K8KFJ 59 59 EM98 50.130 S VE3VRQ	10260313 VK4BRG	11210441 VK5BC >QM05 50.115 H JA1VOK 11210443 VK5BC >PM85 50.115 S JE2DWE
11101/20 NORTO 39 39 BR90 30.130 B VB3VRQ	10270238 VK4GPS >PM75 50.110 H JL4GTO	11210446 VK5BC >PM75 50.115 H JL4GTO
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TI 14 1 C4 4 1 1 1 1 C4	10280750 VK4JH >PM85 50.110 H JE2DWE	11161035 VK6RSX 599 50.304 B JR2HCB 11210636 VK6RSX -0945 >QM05 50.304 B JA1VOK
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		11220403 VK6RSX >QM05 50.304 B JA1VOK
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11100253 W0IJR 120° DM79>CH88 50.065 B VE7SKA 11100259 KWGN 2 CO 120° DM79>CH88 T VE7SKA	10300332 VK4GPS	
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11041130 VK8VF	>PM85 50.057 B JE2DWE	11030430 V63AO	HE 11210311 9M6JU >PM75 50.115 S JL4GTO WE 11210530 9M6 ch2 S9+>QM05 53.74 F JA1VOK
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11190505 VK8RAS 11220403 VK8RAS	>PM85 50.0465 B JE2DWE >OM05 50.0465 B JA1VOK	10270244 FK8VHN	WS
		10270455 FK8CA >PM85 50.115 H JE2D	Reports of South America
GUAM		10280302 FRSVHH >PM75 50.110 H JL40 10280302 FRSVHH >PM85 50.110 H JE20 10280306 FRSVHH >PM64 50.130 S JA40 10280307 FRSCA >PM75 50.105 H JL40 10300304 FRSVHH >PM85 50.115 H JE20 10300307 FRSVHH >PM75 50.115 H JE20 10300307 FRSVHH >PM75 50.110 H JL40 10300307 FRSVHH >PM85 50.130 H JE20 10300320 FRSCA >PM75 50.115 H JL40 11010315 FRSCA >PM75 50.115 C JA28 11010324 FRSCA >QM05 50.109 H JAIV 110300324 FRSCA >QM05 50.109 H JAIV	
11210455 KH2/KB1AGK 11210521 NH2L	>PM75 50.110 H JL4GTO >PM85 50.145 S JE2DWE	10280306 FR8VHN >PM64 50.130 S JA4D	
11210529 KH2JU	>PM75 50.130 T JL4GTO	10280307 FR8CA >PM75 50.105 H JL4G 10300242 FR8CA >PM85 50.115 H JE2D	WE 10192245 THISPME 53 > BT.11 50 110 BEGVE
11210541 NH2L 11210544 NH2L	>PM75 50.145 S JL4GTO >QM05 50.145 F JA1VOK	10300304 FK8VHM >PM75 50.110 H JL4G	TO 10190112 LU3EMK 53 > BL11 50.110 NH6YK
11210546 NH2L	>PM86 50.145 S JA9BHE	10300307 FR8VHW >PM85 50.130 H JE2D 10300320 FR8CA >PM75 50.115 H JL4G	TO 10190141 LU7XXD? vy wk >0207 50.0334 B HP3XUG TO 10191905 LU6E 33 BRIEFLY 50.110 H G4UPS
11210551 KH2JU 11220626 KH2/KB1AGK	>QM05 50.175 S JA1VOK 50.140 W JA6QGG	11010315 FK8CA >PM74 50.110 C JA3E	GE 10192008 LW5DX GF05TF > IL18SK S EH8BPX
11220701 NH2L	>PM53 50.140 S JA6QGG	11010324 FK8CA >QM05 50.109 H JAIV 11020239 FK8CA >QM05 50.110 H JAIV	OK 10192053 LW5EJU GF05 > IL18SK S EH8BPX OK 10192113 LU2DEK GF02 > IL18SK S EH8BPX
TT ASS/A TT A NI TO			OK 10210221 LU1DMA S0 vy wk 50.071 B HP3XUG
HAWAIIAN IS.	>OL72 50.110 S VR2XMT	11210423 FK8CA >QM05 50.110 H JAIV 11210433 FK8CA >PM85 50.110 H JE2D	
10280320 KH7R	>PM63 50.120 8 JA5CMO		10220023 LU6DRV QSOing S5/7 50.110 H HP3XUG
10280326 KH7R 10280328 KH7R	>PM75 50.120 S JL4GTO >OL72 50.110 S VR2EGD	NEW ZEALAND	10220023 LU9EHF SO vy wk B HP3XUG 10230039 LU2DEK S9 50.110 H HP3XUG
10280650 KGMV 3zHI	Wailuku 61.25 V ZKIAA	10060300 EL VIDEO WEAK 45.260 V K6QX 10070000 EL VIDEO S9+30 45.240/.260 V K6QX	10230045 LU2DEK 57/57 GF02 50.110 S HP3XUG
10280650 KH6HME 10280650 KHON 2+HI	50.061 B EK1AA -1100 55.26 V EK1AA	10082000 EL VIDEO 89+ 45.240/.260 V K6QX	10230055 LU9ERF 80 82/85 € 0125 B HP3XUG
		10242340 EL VIDEO S1+ 45.240/.260 V K6QX	
10290625 KHON 2+HI 10290625 KITV 4-HI	-1135 55.26 V EKIAA Honolulu 67.24 V EKIAA	10252200 EL VID S9+>0300 45.24/.260 V K6QX 10262330 EL VIDBO S1-9 45.240/.260 V K6QX	
10300755 KH6HME +TV t	to ch 4 50.061 B EK1AA	10270231 EL2TPY >PM86 50.110 S JA90 10270241 EL2TPY >PM97 50.110 S JA0F	TT. 10240028 LU6DRV 89+20 CQing 50.110 H HP3XUG
10300755 KHON 2 HI	-0900 55.26 V EK1AA Honolulu 77.25 V EK1AA	10270250 EL2TPY >PM96 50.110 S JH1W	HS 10240028 LU9ERF S1/3 > 0050 B HP3XUG
11010605 KFVE 5zHI 11010605 KH6HME +TV T	ro ch 5 50.061 B ZK1AA	10282306 EL TV VID 45.2394/45.2396 V KL78 10282306 EL TV VID 45.2600/45.2604 V KL78	TA TARROOM THOMAS ARAS TRIBES & BUSERY
11010605 KHON 2 HI	-0910 55.26 V ZK1AA -1210 wk 55.26 V ZK1AA	10290043 EL TV 240° 45.240/45.260 V VE7S	TAR TARCAGO THE THE ME TO STATE OF THE TARCET
11030910 KHON 2 HI 11040555 KH6HME +TV t	to ch 4 50.061 B EK1AA	10300050 EL TV VID 45.2604/45.2394 V KL78 10300050 EL TV VID 45.250 WELLINGTON V KL78	10262325 LW5DX GF05TF, LU3EMK S EH8BPX
11040555 KHON 2 HI	-1115 55.26 V EKIAA to ch 4 50.061 B EKIAA	10300118 EL ch1 >PM85 45.25 V JE20	WE 10202332 LUODRY
11050550 KHON 2 HI	-1245 55.26 V EKIAA	10310310 EL chl >QM05 45.26 V JAIV 10312317 EL TV BRIEFLY 45.2394 V KL78	10270119 LUIDMA S1/2 50.071 B HP3XUG
11060603 KH6HME +TV t	to ch 4 50.061 B EK1AA -1243 CD 55.26 V EK1AA	11010115 EL TV VID WK 45.2403/.2612 V K6FV	10290009 LUBDCH GF05 > 0052 50.0817 B HP3XUG
11070740 KHON 2 HI	-1030 55.26 V EK1AA	11010248 EL ch1 >QM05 45.26 V JAN 11012257 EL TV VID 45.2395/45.2500 V KL78	10290052 LUIDMA 81/2 50.0/11 B HP3XUG
11080226 KH6HME 55	59 >PL36 50.061 B JA1VOK/6 57 >PL36 50.110 S JA1VOK/6	11012257 EL TV VID 45.2604/45.2499 V KL78	IX 10290147 LUIDMA 82/3 -0229 B HP3XUG
11080227 NH6YK 5	>PL36 50.110 S JR6GV >PL36 50.110 S JR6SVW	11022345 EL ch1 S9+ >QM05 45.26 V JAIV 11062334 EL TV VID 45.2396/45.2394 V KL78	10290147 LU9EHF S2/5 -0229 B HP3XUG
	>PL36 50.110 S JR6SVW >PL36 50.110 S JR6BU	11062334 EL TV VID 45.2499/45.2603 V KL78	
11080232 NH6YK	>PL36 50.110 8 7J6CCU	11120144 EL TV VID WEAK 45.2409 V K6FV 11130106 EL ch1 >PM85 45.25 V JE21	10310445 LU9EHF SO/1 B HP3XUG
11080233 KH6IAA	59 >PL36 50.110 S JA1VOK/6 >PL36 50.115 S JR6BU	11130158 EL TV VID WEAK 45.240 V K6FV	11010019 LWSDBU 309/399 0203 30.103 W H23K00
11080235 KH6IAA	>PL36 50.115 S JR6GV	11150120 EL TV VID WEAK 45.240 V K6FV 11150400 EL ch1 >QM05 45.24 V JAIV	11010106 LUIDMA 87/9 > 0300 B HP3XUG
	>PL36 50.115 S JR6SVW >PL36 50.115 S 7J6CCU	11150400 EL ch1 >QM05 45.26 V JA1	OR IIIIII DIVING EN 172 VIII B HESKUR
11080238 KH6IAA	>PL36 50.115 S JS6CDB	11160000 SL TV VID 45.24/.25/45.260 V V73J 11162130 SL TV 45.2 V K6Q	11010300 LU2MHP S6 WKG YS1ECB 50.107 H HP3XUG
	>PL36 50.110 8 JS6CDB >PL36 50.120 8 7J6CCU	11162335 EL TV 45.2396 559, 45.2499 V KL78	11012050 LW5EJU, LU3EMK GF05 S EH8BPX
11080249 KH6AFS 5	59 >PL36 50.110 S JA1VOK/6	11162335 EL TV 579 -2400 45.2603 V KL78 11170110 EL ch1 >PM85 45.24 V JE21	1X 11020255 THORUM 61/2 >0252 B HD3VING
	>PL36 50.110 S JS6CDB >PL36 50.110 S JR6SVW		
11080258 KH6IAA	>PL36 50.115 S JR6AP	11172345 EL1 TV 45.2396 V KL78	11X 11040055 LU9EHF S1/3 > 0232 B HP3XUG
11080305 KH7L 11080307 WH60	57 >PL36 50.125 S JA1VOK/6 59 >PL36 50.130 S JA1VOK/6	11170110 EL ch1	OK 11040123 LU1DMA S5/7 > 0232 B HP3XUG
11080309 WH60	>PL36 50.130 S 7J6CCU	11210205 EL ch1 >PM85 45.26 V JE20 11220135 EL ch1 >QM05 45.26 V JA10	11042317 LU3DDF GF05sj S4/9 50.0498 B HP3XUG
11080312 KH7R 11080315 KH6HI 55	59+>PL36 50.150 S JA1VOK/6 59 >PL36 50.065 B JA1VOK/6	11230145 EL ch1 >QM05 45.26 V JA1	OK 11050100 LU9EHF S1/3 B HP3XUG 11050153 LU8DCH S0 B HP3XUG
11080318 KH7L	>PL36 50.140 S 7J6CCU	OCACANYA DA IS	11060249 LU9EHF SO B HP3XUG
	-1547 -CD 55.26 V EK1AA -1100 55.26 V EK1AA	OGASAWARA IS.	11062317 LU3EMK GF05 > IL188K S EH8BPX 11080307 LU1DMA 83/5 B HP3XUG
11080958 KH7R	>OL72 50.110 S VR2XRW	10020945 JD1BIA OGASAWARA 50.110 V731 10141203 JD1BIA OGASAWARA 50.120 V731	T 11080307 LU9EHF SO B HP3XUG
		DIVILLI INDIVEG	11081540+LU9ARA GF05 > FN23BC 50.132 S WAZARY 11082328 LU7DJE,LU7DJE TE 144.300 W WP40
11090234 KH6IAA	>OL72 50.110 S VR2YRC >PL36 50.115 S JR6VSP	PHILLIPINES 10270731 DU1/WH7C >PM64 50.126 S JA41	
11100141 KH6HMB	>PL36 50.110 S JR6VSP >PM85 50.061 B JE2DWE	10270732 DU1/WH7C >PM85 50.126 S JE21	11082328+LW98VS
11120725 KHON 2 HI	-0925 55.26 V EKIAA	10270752 DU7/87ET >PM85 50.130 H JE21	OK 11150050 LU9EHF S1/3 > 0144 B HP3XUG
11131020 KHON 2 HI 11140750 KH6HME + TV	to ch 3 50.061 V EKIAA	10271228 DU7/N7ET >QM05 50.110 H JA1	OK 11151908 LU9EHF 82/4 B HP3XUG
11140750 KHON 2 HI	-1230 55.26 V EKIAA	11050640 DU ch2 >PM85 55.25 V JE21	11151910 LU3EMK 58/59 W de BA GF05 S HP3XUG
11150028 KH6HME	>QM05 50.061 B JA1VOK	11070615 DU ch2 >PM85 55.25 V JE2	0WE 11151918 LW5EJU 58/59 Pilar GF05 S HP3XUG
11150635 KHON 2 HI	-1055&1215-1245 V EKIAA	11091217 DU7/R7ET >QM05 50.110 H JAI	70K 11151927 LU6DRV 59 BA GF05 S HP3XUG
11161010 KHON 2 HI	-113561435-1445 V EKIAA	11100433 DU ch2 >PM85 55.25 V JE2	0WE 11151935 LW5DX 58/59 BA GF05 8 HP3XUG
		11110726 DU ch2 >PM85 55.25 V JE21	11151939 LU2DEK 53/57 Tandil GF02 S HP3XUG
INDONESIA		11180613 DU7/N7ET >QM05 50.110 C JA1	OK 11160043 LUSEHF SO -0121 B HP3XUG
10271156 YC1MH 10311323 YC1MH	>PL36 50.110 S JR6VSP	11210530 DU Ch2 S9>QM05 55.25 V JAI' 11210736 DU100GF >PM85 50.110 H JE2	OWE 11170045 LUGDRV 87/9 CQing 50.110 H HP3XUG
11011347 YC1DYY	>PL36 50.110 S JR6VSP	11210737 DU100GF >QM05 50.110 H JA1	OK 11170045 LW4WBY CQing 50.112 H HP3XUG
11030/16 YC1MH 11230635 YC1MH	>QM05 50.110 H JA1VOK	11210737 DU100GF >QM08 50.110 S JH70 11230715 DU1/WH7C >PM96 50.150 S JH00	HE 11170051 LU3DMF S2/4 HISPEED 50.050 B HP3XUG
		11230728 DU1/WH7C >PM75 50.150 S JL40	3TO 11170201 LW9ENI S4/5 CLG CQ 50.110 H HP3XUG
MARSHALL IS.		11230738 DU100GF >QM05 50.115 H JAL 11230740 DU100GF >PM96 50.115 S JH1	TITO 11170201 LW9ENI S4/5 CLG CQ 50.110 H HP3XUG TOK 11180004 LU9ENF S0 wk > 0417 B HP3XUG TOK 11180155 LU1DMA S6/8 > 0417 B HP3XUG
09250745 V73AT 59 10100335 V73AT 53	> BL11 50.110 NH6YK > BL11 50.110 NH6YK		11180155 LW6DPP S5 CLG CQ 50.110 H HP3XUG
10130207 V73AT 55	> BL11 50.110 NH6YK	SABAH	11182220 LU3VAO 57/59 FF56 Dan S HF3XUG
10280724 V73AT	>PM85 50.129 H JE2DWE >PM85 50.110 H JE2DWE	10280616 9M6 ch2 >PM85 53.74 F JE2	OWS RRAZII.
11020232 V73AT	>QM08 50.110 S JH7MSB	11050640 9M6 ch2 >PM85 53.74 F JE2	OWE 10070050 PPICE 53 > BL11 50.110 BH6YK
11020250 V73AT 11070343 V73AT	>QM08 50.110 S JH7MSB >QM05 50.105 H JA1VOK >PM85 50.140 H JE2DWE >PM85 50.110 H JE2DWE	11070636 9M6NA >PM85 50.114 H JE21	OWE 10162318 PP7EE HI20DI > IL18SK S EH8BPX
11091035 V73AT	>PM85 50.110 H JE2DWE	11110720 9M0 GHZ	OWE 10170055 PU3HCL 53 > BL11 50.110 HH6YK
11091131 V73AT 599	9 >QM05 50.110 H JA1VOK 9 >QM05 50.014 B JA1VOK	11170607 9M6JU >PM53 50.115 S JA6	QGG 10172206 PY5CC GG54RE > IL18SK S EH8BPX
11160341 V73AT	>PM85 50.110 H JE2DWE >PM75 50.110 H JL4GTO	11170700 9M6 ch2 >PM85 53.74 F JE2	101/2345 PY1VOY 539/559 GG8/ 50.125 C HP3XOG
11160343 V73AT	>PM75 50.110 H JL4GTO >PM75 50.014 B JL4GTO	11180304 9M6JU >QM08 50.115 C JH7: 11180333 9M6JU >PM53 50.115 S JA6	10162318 PP7EE HIZODI > IL18SK S EH8BPX   10162318 PY1VOY GG87 > IL18SK S EH8BPX   10170055 PU3HCL 53
11000		11130333 70000 -1033 30.113 8 000	1010000 Film 20/1 -0221 B dF3800

10180007 PY2AA S0 vy wk <0227 10180012 PY1VOY 579/599 Rick 50.105			
10180012 PY1VOY 579/599 Rick 50.105	B HP3XUG	11040007 PY2AA 83/5 -0232	HP3XUG
	C HP3XUG	11040007 PY2SFY SO VY WK	HP3XUG
10180021 PULTUS 54/55 GG87 50.105	S HP3XUG	11040007 PY3ARF 82/4 > 0232	HP3XUG
10180050 PY480 419/449 GH51 50.105	C HP3XUG	11040047 PY3PT 53/59 Canoas GF49	HP3XUG
10180059 PY2RM 589/599 GG66 50.105	C HP3XUG	11040055 PP2AU S0/1 CW CQ 50.107 E	HP3XUG
10180105 PY2RM 57/59 GG66 Ed 50.105	S HP3XUG	11040055 PY2SFY BO WK -0232	HP3XUG
10180130 PY2DBU 53 57 GG60 50.105	S HP3XUG	11042302 PPZAU 58 GR54LC 50.110 V	UDZCW1 V
10180134 PYZKP 53 53 GG66 50.105	S HP3XOG	11042317 PYTAA 51/3 20133	HP3AUG
10180139 PY1DWA 52 59 GG87 50.105	E HP3XUG	1104231/ PIZAN 50/2 -0153	HESKUG
10180147 PPICE 59 59 GG99 -50.105	e meaning	11042350 PIZBET S0 -0153	HP3XIX
10180207 PYINDX 54/57 GG67 50.105	B HD3VING	11050049 PV5CC 599 >PL36 50.110 (	JR6HI
10180213 PI3ARL BU/1	S EHSBDY	11052158 PY2VA GG66 > IL18SK	S EHSBPX
10182058 PPICE GGGGIVO. PPIRE	S EHSBPX	11060005 PY3ARL -01 >PM63 50.0285 1	JA5CMO
10192042 PV 30R GG40 > IL185K	S EHSBPX	11060005 PY3ARL 579' -0105 " 30.0285 I	JASCHO -
10192046 PY3PT GF49JX > IL188K	S EHSBPX	11060123 PP2AU 57 MARCELO 50.115 F	W LWSEJU
10192342 PY3ARL SO/1	B HP3XUG	11060249 PU2VQW S7/8 SSB CQ 50.110 1	H HP3XUG
10202146 PY2NI GG66RK, PY2XB	S EHSBPX	11060249 PY2AA S1/4	HP3XUG
10202201 PUIXES GG87HV > IL18SK	S EHSBPX	11060249 PY3ARF SO/1	B HP3XUG
10202205 PY2HDY > IL185K	S EH8BPX	11062223 PY5CC GG54RE > IL18SK	S EHSBPX
10202250 PP1BG GG99VT > IL18SK	S EHSBPX	11062309 PY4AJ GH70VF > IL188K	S EHSBPX
10202311 PY3ARL S1/2	B HP3XUG	11062342 PY3ARF 86/8 -0053	B HP3XUG
10202311 PY3AS_ WKG PU3WPA 86 50.117	H HP3XOG	11062357 PYIAA 82/4 >0053	HP3XUG
10202359 PY/XX HIZ1 > IL185K	S EHSBPX	11070040 BYECK SO COSANDATOR SO 130 (	WATER
10212043 PYZXB, PYZQD/M GG00	C PUDDRY	11070049 PIGCC 39 GG34/FRISEC 30.139 (	HD3AIM3
102122100 PIZWBC GG0/GI > 15105K	B HD3XIX	11080016 PY5CC >OL72 50.110 8	VR2PM
10221888 PY28B 50.118	H VRIRG	11080033 PY5CC >OL72 50.054 (	VR2LC
10230039 PV2AA S0/1 > 0125	B HP3XUG	11080044 PY5CC 55 >PL36 50.110 8	JR6VSP
10230055 PY2RO COing S2 50.107	H HP3XUG	11080049 PY5CC 59 >PL36 50.110 8	JR6HI
10230055 PY3ARL S1/2 > 0125	B HP3XUG	11080105 PY2XB 559 >PL36 50.110 (	JAIVOK/6
10232049 PY3ASN GG50BK > IL18SK	S EHSBPX	11080107 PY5CC 59+>PL36 50.105 8	JAIVOK/6
10232204 PY1DNX > IL185K	S EH8BPX	11080256 PY5CC >PL36 50.110 I	H JAIVOK/6
10232303 PY1AA SO/1 > 0050	B HP3XUG	11080307 PY1AA S0 wk	HP3XUG
10232312 PY1SFY SO vy wk > 2355	B HP3XUG	11080307 PY2AA S1/3	HP3XUG
10232312 PY2AA S2/5 > 0143	B HP3XUG	11080307 PYSARF S1/3	HP3XUG
10242212 PUZNAC, PYZXB, GG66	B HD3ALM	11082352 DV2DBH 45 SD126 50 110	7.76000
10250014 PTIAN 81/3	B HD3AIM	11082356 PV2DP 52 >Pr36 50 125	7,76000
10250014 PY3ART. 82/5	B HP3XIV	11082358 PY5CC 57 >PL36 50.125	3 7J6CCU
10250014 FISARE 82/5	S EHRAPY	11082359 PY2CDS 55 >PL36 50.125	7J6CCU
10260031 PY1AA S2/4	B HP3XUG	11090000 PU2VQW 569 >PL36 50.	7J6CCU
10260031 PY1SFY S0	B HP3XUG	11090010 PY5CC >PM63 50.110 1	JA5FDJ
10260031 PY2AA 83/6	B HP3XUG	11090019 PY2XB 569 >PL36 50.110 (	7J6CCU
10260031 PY3ARL S2/6	B HP3XUG	11090025 PU2LCD 569 >PL36 50.115 (	7,16000
10262235 PY5CC GG54RE > IL18SK	S EHSBPX	11090030 PY3ARL >PM63 50.0285 1	B JASFDJ
10262317 PY1AA SO/1 > 0119	B HP3XUG	11090040 PY5CC 539 >QM05 50.105 (	JAIVOK
10262345 PY2AA S1/3 > 0119	B HP3XUG	1109D047 PYZXB >PM63 50.102 (	JASFDJ
10270009 PY1SPY SO VY WK -0119	B HP3XUG	11090113 PPICE 569 >PL36 50.110 (	776000
10270009 PYZRO SZ/3 WKG 8P6KR 50.110	H HP3XUG	11000220 PVECC CCE4 > DV12 50 110 5	N N COURT
10270005 PRONU CTG CO C2/6 50 110	B HP3XUG	11090220 PISCC GGS4 > DH15 30.110 1	N KBUNKE
10270035 PPZRU CLG CQ 5270 30.110	C TSACOB	11092015 PV5CC GG54RE > TL18SE	RHRRPY
10270309 PY2XB 59 >PL36 50.110	S JS6CDB	11092242 PY788 59 PRED 50.115 1	W LW5EJU
10270314 PY5CC 59 >PL36 50.115	S JS6CDB	11100041 PY5CC >OL72 50.110 1	VR2LC
10270320 PY2RM 599 >PL36 50.110	C JS6CDB	11100047 PY2DP >OL72 50.110 f	VR2LC
10270332 PY2RH 59 >PL36 50.115	S JS6CDB	11100108 PY5CC >OL72 50.110 1	VR2YRC
10270407 PY2XB 559 >PL36 50.110	C JR6GV	11102305 PY7EE HI21 > IL188K	BH8BPX
10270414 PY2XB 559 >PL36 50.110	C JS6CDB	11112308 PY2DBU GG66 > IL188K	S EH8BPX
10272314 PY1AA S2/4 > 0137	B HP3XUG	11150050 PY1AA 81/3 > 0144 1	B HP3XUG
10272314 PY1SFY SO	B HP3XUG	11150050 PY2AA 83/6 > 0144 1	B HP3XUG
10272314 PY2AA S4/7 > 0217	B HP3XUG	11150050 PY2XB S9 CLG CQ 50.110 1	H HP3XUG
10272314 PY2XB S5/8 CQing 50.110	H HP3XUG	11150144 PY1VOY 86/8 CQing 50.110	H HP3XUG
10272334 PY2XB 599 599 GG66 50.105	C HP3XUG		
		IIIDUI44 PIBARF 80	B HP3XUG
10272335 PY2XB 59 59 GG66 50.105	S HP3XUG	11151942 PY3ARF 80	B HP3XUG
10272335 PY2XB 59 59 GG66 50.105 10280052 PY3ARL 81/3	S HP3XUG B HP3XUG	11151942 PY3ARF S1/3 11160020 PY2AA S0 >0121	B HP3XUG B HP3XUG B HP3XUG
10272335 PY2XB 59 59 GG66 50.105 10280052 PY3ARL 81/3 10280109 PY2AU 59+MARCELO 50.110	S HP3XUG B HP3XUG LW5EJU	11150144 PY3ARF S0   1 11151942 PY3ARF S1/3   1 11160020 PY2AA S0 >0121   1 11160035 PYIAA S0 >0121   1	B HP3XUG B HP3XUG B HP3XUG B HP3XUG
10272335 PY2XB 59 59 GG66 50.105 10280052 PY3ARL 81/3 10280109 PP2AU 59+MARCELO 50.110 10282245 PP1CE 59 59 GG99 50.105 10282318 PV1N 27/4 > 0.052	S HP3XUG B HP3XUG LW5EJU S HP3XUG B HP3XUG	11150144 PY3ARF S0/3 11160020 PY2AA S0 >0121 11160035 PY3AA S0 >0121 11160035 PY3ARF S0/1 >0121 11160035 PY3ARF S0/1 >0121	B HP3XUG B HP3XUG B HP3XUG B HP3XUG B HP3XUG
10272335 PY2XB 59 59 GG66 50.105 10280052 PY3ARL 81/3 10280109 PP2AU 59+MARCELO 50.110 10282245 PPICE 59 59 GG99 50.105 10282318 PY1AA S2/4 > 0052 10290000 PY1RPY 80 TPU WK	S HP3XUG B HP3XUG LW5BJU S HP3XUG B HP3XUG B HP3XUG	11150144 PY3ARF S1/3 11160020 PY2AA S0 >0121 11160035 PY3AAF S0/121 11160035 PY3ARF S0/1 >0121 11160121 PP1CS S5 CW CLG CQ 50.110 11160121 PY2XB S9 CLG CQ 50.110	B HP3XUG B HP3XUG B HP3XUG B HP3XUG H HP3XUG H HP3XUG
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TRINIDAD & TOBAGO
50.110 PPICS
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FERNANDO DE NORONHA

URUG	UAY						
10192044	CX3HI	GF06UV	> IL18	SK	S	EH8BPX	
10232303	CX1CCC	S0/1 >	0055		B	HP3XUG	
10240044	CX1CCC	57/59	GF15	50.110	S	HP3XUG	
10242211	CX8BE	GF15	> IL18	SK	s	EHSBPX	
10260028	CX8BE	55 #13	> BL11	50.110		NH6YK	
10270055	CX1CCC	so wk	> 0119		B	HP3XUG	
10270055	CX3CA	CLG CQ	82/6	50.110	H	HP3XUG	
10290009	CX1CCC.	so wk			B	HP3XUG	
10290147	CX1CCC	80/1	-0229		B	BP3XUG	
11010025	CX2CC	57/59	GF15	50.105	S	HP3XUG	
11010037	CX3ET	53/55	GF15	50.105	8	HP3XUG	
11012106	CX1DDO	GF15	> IL18	SK	S	EH8BPX	
11030353	CX1CCC	Sowk			B	HP3XUG	
11032118	CX8BE	GF15	> IL18	SK	8	EH8BPX	
11040007	CX1CCC		> 0232		B	HP3XUG	
11040050			Montevi	d GF15	S	HP3XUG	
11042317	CX1CCC	81/3	>0153		B	HP3XUG	
11070015	CX8BE 8	2-4 TE	-0035	50.110	8	WIJJH	
11070053	CX8BE 8	1 CQ		50.110	H	HP3XUG	
11080307	CX1CCC	80			B	HP3XUG	
11082340-	-CX4BBT	TE >	FR68	144.300	W	WP40	
11090150			59+10 F			WA5IYX	
11102306		GF15			8	EHSBPX	
11112302	CX8BE	GF15			S	EH8BPX	
11150117			Test	50.110	H	HP3XUG	
11150144		80/1			B	HP3XUG	
11151937			Montevi		S	HP3XUG	
11160029		4 CLG		50.110	H	HP3XUG	
11160035				50.120	H	HP3XUG	
11180031	CX1CCC	80/1	> 041	7	B	HP3XUG	

#### VENEZUELA 10140121 YV5M4 10210107 YV6DBX 59 10280021 YV4AB 529 10310109 YV6DBX 59 VAT 11050046 YV5YC 59+BEN 50.110 KP3A 50.110 PP1CE 50.025 B PP1CE

## Alaska 35-50 MHz Sources

#### KL7SIX/VK3SIX

Preq: Location: Transmission.
35.040 DeadHorse AK GPS Data corr. packets.
40.691 Anchorage AK MBurst Pulse Chain 1600W
43.115 Deadhorse AK Cameron Iron Works LMS.
43.180 Deadhorse AK Baker & TriState Oil LMS
45.240 Anchorage AK Paging Service BPS1.
47.180 South Alaska Meteor Burst slaves 300W
47.600 DeadHorse AK Atlas Wire Line. LMS.
47.680 DeadHorse AK Slumberger LMS.
49.635 Elmendorf AK DARN Auroral Radar 20kW.